FORM 3

STATE OF UTAH	
DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS AND MINING	

AMENDED REPORT	
(highlight changes)	

		APPLICAT	TON FOR	PERMIT TO	D DRILL		5. MINERAL LEASE NO: ML-22186-A	6. SURFACE: State
1A. TYPE OF W	ORK: [ORILL 🔽	REENTER [DEEPEN			7. IF INDIAN, ALLOTTEE OR	TRIBE NAME:
B. TYPE OF WE	ELL: OIL	GAS 🗸	OTHER	SIN	GLE ZONE MULTIPLE ZON	IE 🔽	8. UNIT or CA AGREEMENT	NAME:
2. NAME OF OP							9. WELL NAME and NUMBER	₹:
		AS COMPAN	IY, L.P.				BONANZA 1023-	
3. ADDRESS OF 1368 S 120		OITY VERN	AL ST	ATE UT ZIP 84	078 PHONE NUMBER: (435) 781-7060		10. FIELD AND POOL, OR W	
	WELL (FOOTAG	•	6427	92 X	39.947226	_	11. QTR/QTR, SECTION, TO MERIDIAN:	WNSHIP, RANGE,
AT SURFACE:	2030' FSL	. 1875' FEL	44230		- 109.328548	ł	NWSE 16 10	S 23E
AT PROPOSED	PRODUCING ZO	ONE:	1100	,	- 109.328398			
14. DISTANCE IN	MILES AND DIR	RECTION FROM NEAF	REST TOWN OR PO	OST OFFICE:			12. COUNTY:	13. STATE: UTAH
34.35 MII	LES SOUT	HEAST OF C	DURAY, UTA	ХH			UINTAH	J OTAII
15. DISTANCE T	O NEAREST PRO	PERTY OR LEASE L	INE (FEET)	16. NUMBER O	F ACRES IN LEASE:	17. NL	JMBER OF ACRES ASSIGNED	TO THIS WELL:
1875'					320	<u> </u>		40
18. DISTANCE TO APPLIED FOR	O NEAREST WEL R) ON THIS LEAS	L (DRILLING, COMPL E (FEET)	LETED, OR	19. PROPOSED	DEPTH:	20. BC	ND DESCRIPTION:	
	O TOPO C				8,200	<u> </u>	B0005238	
21. ELEVATIONS	(SHOW WHETH	ER DF, RT, GR, ETC.):	22. APPROXIM	ATE DATE WORK WILL START:	1	TIMATED DURATION:	
5507.8' G	L					ТО	BE DETERMINED)
24.			PROPOS	SED CASING A	ND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZE	, GRADE, AND WEIG	HT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUA	ANTITY,	YIELD, AND SLURRY WEIGHT	-
14"				40				
12 1/4"	9 5/8"	H-40	32.3#	1,600	PREM CMT	26	5 SX 1.18	3 15.6
7 7/8"	4 1/2"	1-80	11.6#	8,200	PREM LITE II	35	0 SX 3.38	11.0
		 			50/50 POZ G	137	0 SX 1.31	14.3
	<u>L</u>		L					
25.				ATTA	CHMENTS			
VERIFY THE FOL	LOWING AREAT	TACHED IN ACCORI	DANCEWITH THE	UTAH OIL AND GAS C	ONSERVATION GENERAL RULES:			
🗹 WELL PL	AT OR MAP PREF	PARED BY LICENSE	SURVEYOR OR E	ENGINEER	Z COMPLETE DRILLING PLAN			
V EVIDENC	E OF DIVISION C	OF WATER RIGHTS A	PPROVAL FOR US	SE OF WATER	FORM 5, IF OPERATOR IS PE	RSON OF	R COMPANY OTHER THAN TH	HE LEASE OWNER
					1			
NAME (PLEASE I	PRINT) DEBR	RA DOMENIC	1		TITLE ASSOC. ENVI	RONI	MENTAL ANALYS	Γ
SIGNATURE	Delra	Dom	eric	·	DATE 8/30/2005			
(This space for Sta	te use only)			ΔD	Droved by the			
		_		Ut	proved by the ah Division of Sas and Mining		RECEIVE	=D

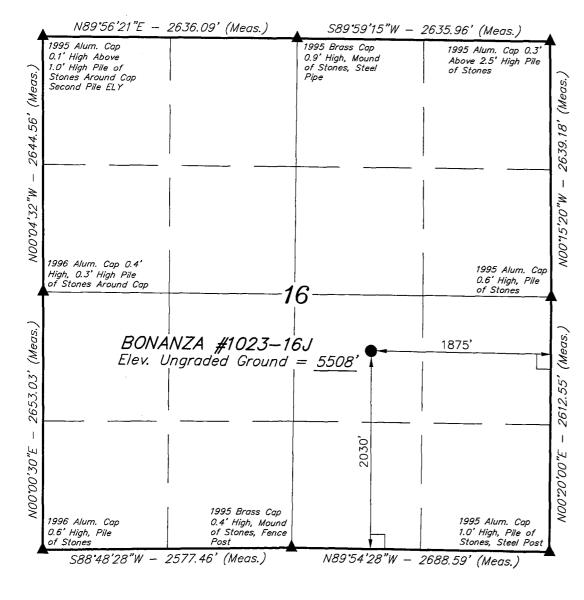
API NUMBER ASSIGNED: 43-347-37092

APPROVAL:

SEP 0 1 2005

DIV. OF OIL, GAS & MINING

T10S, R23E, S.L.B.&M.



LEGEND:

 $_{-}$ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 39'56'50.86" (39.947461) LONGITUDE = 109'19'45.03" (109.329175)

(NAD 27)

LATITUDE = 39'56'50.98" (39.947494)

LONGITUDE = 109'19'42.59" (109.328497)

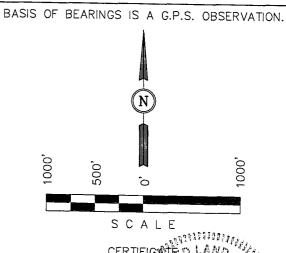
WESTPORT OIL AND GAS COMPANY, L.P.

Well location, BONANZA #1023—16J, located as shown in the NW 1/4 SE 1/4 of Section 16, J10S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SOUR ARE THUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLER FOR THE PROPERTY OF THE BEST OF MY KNOWLEDGE AND BELLER FOR THE PROPERTY OF THE BEST OF MY KNOWLEDGE AND BELLER FOR THE PROPERTY OF THE BEST OF MY KNOWLEDGE AND BELLER FOR THE PROPERTY OF THE BEST OF MY KNOWLEDGE AND BELLER FOR THE BEST OF MY KNOWLEDGE AND BELLER FOR THE BEST OF THE BE

REDISTERED LAND SURVEYOR REGISTRATION NO. 161319

Uintah Engineering & Land Surveying 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

1" = 1000'		DATE SURVEYED: 07-27-05	DATE DRAWN: 08-02-05
D.K. L.K. F	P.M.	REFERENCES G.L.O. PLAT	-
COLD	FILE WESTPOR	T OIL AND GAS	COMPANY, L.P.

BONANZA 1023-16J NWSE SEC 16-T10S-R23E UINTAH COUNTY, UTAH ML-22186-A

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. <u>Estimated Tops of Important Geologic Markers:</u>

Green River Wasatch	<u>Depth</u>
Uinta	0- Surface
Green River	1000'
Wasatch	3825'
Mesaverde	5800'
TD	8200'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1000'
Gas	Wasatch	3825'
Gas	Mesaverde	5800'
Water	N/A	
Other Minerals	N/A	

3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. <u>Drilling Fluids Program</u>:

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8200' TD, approximately equals 3280 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1476 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please refer to the attached Drilling Program.

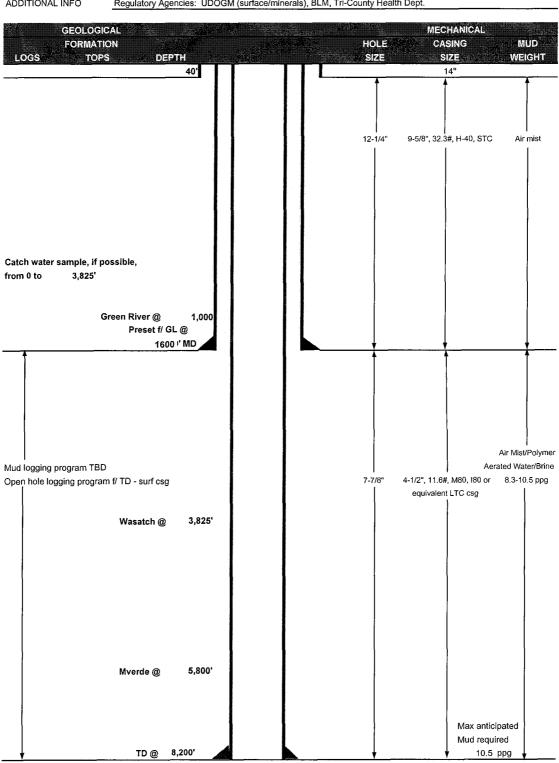
10. Other Information:

Please refer to the attached Drilling Program.



Westport Oil and Gas Company, L.P. DRILLING PROGRAM

COMPANY NAME	Westport Oil and Gas Co., L.P.	DATE	August 2	5, 2005		
WELL NAME	BONANZA 1023-16J	TD	8,200'	MD/TVD		
FIELD Natural Butt	es COUNTY Uintah STATE	Utah	ELEVATION	5,508' GL	KE	3 5,523'
SURFACE LOCATION	NWSE SECTION 16-T10S-R23E 2030'FSL	& 1875'FEL			BHL	Straight Hole
	Latitude: 39.947461 Longitude: 109	9.329175				
OBJECTIVE ZONE(S)	Wasatch/Mesaverde					
ADDITIONAL INFO	Regulatory Agencies: UDOGM (surface/mir	nerals), BLM,	Tri-County Hea	Ith Dept.		







DRILLING PROGRAM



CASING PROGRAM

								DESIGN FACTORS		
	SIZE	IN	TERV	AL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'							
								2270	1370	254000
SURFACE	9-5/8"	0	to	1600	32.30	H-40	STC	0.85*****	1.98	5.61
							{	7780	6350	201000
PRODUCTION	4-1/2"	0	to	8200	11.60	M-80 or I-80	LTC	2.91	1.42	2.42
								:		

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 10.5 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

2673 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1		+ .25 pps flocele				
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		+ 2% CaCi + .25 pps flocele				
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to s	urface, op	tion 2 will b	e utilized	
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
		+.25 pps Flocele + 3% salt BWOC			:	
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele				· 1
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION LEAD	3,320'	Premium Lite II + 3% KCI + 0.25 pps	350	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel				
		+ 0.5% extender				
TAIL	4,880'	50/50 Poz/G + 10% salt + 2% gel	1370	60%	14.30	1.31

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.					
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.					

ADDITIONAL INFORMATION

DRILLING

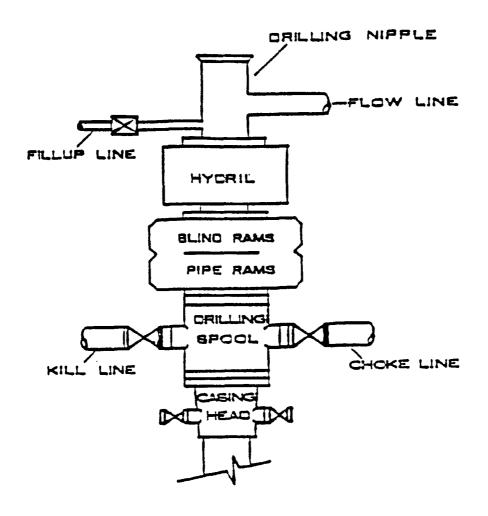
L INFORMATION		
Test casing head to 75	50 psi after installing. Test surface casing to 1,500 psi prior t	o drilling out.
BOPE: 11" 3M with or	ne annular and 2 rams. Test to 3,000 psi (annular to 1,500 p	si) prior to drilling out. Record on chart recorder &
tour sheet. Function to	est rams on each trip. Maintain safety valve & inside BOP or	rig floor at all times. Kelly to be equipped with upper
& lower kelly valves.		
Drop Totco surveys ev	very 2000'. Maximum allowable hole angle is 5 degrees.	
ENGINEER:		DATE:
	Brad Lanev	

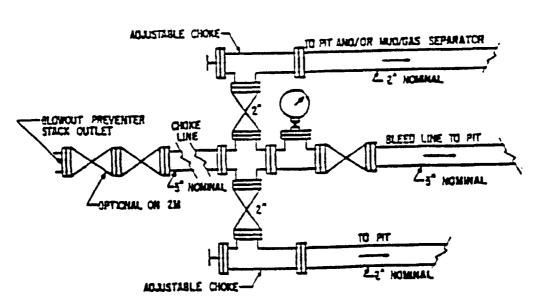
DATE:

DRILLING SUPERINTENDENT: Randy Bayne BONANZA1023-16J_APD(ArchiesBench).xls

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

EOP STACK





BONANZA #1023-16J NWSE Sec. 16, T10S-R23E Uintah County, UT ML-22186-A

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 0.15 miles of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 900' of pipeline re-route and 850' of new pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. <u>Location and Type of Water Supply:</u>

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

BONANZA #1023-16J Surface Use & Operations Plan

Page 3

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

BONANZA #1023-16J Surface Use & Operations Plan

Page 4

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. <u>Surface Ownership</u>:

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Debra Domenici Associate Environmental Analyst Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

BONANZA #1023-16J Surface Use & Operations Plan Page 6

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Delia Domenici 8/30/05

Debra Domenici Date

WESTPORT OIL AND GAS COMPANY, L.P. BONANZA #1023-16J SECTION 16, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 65.35 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-16J

LOCATED IN UINTAH COUNTY, UTAH SECTION 16, T10S, R23E, S.L.B.&M.

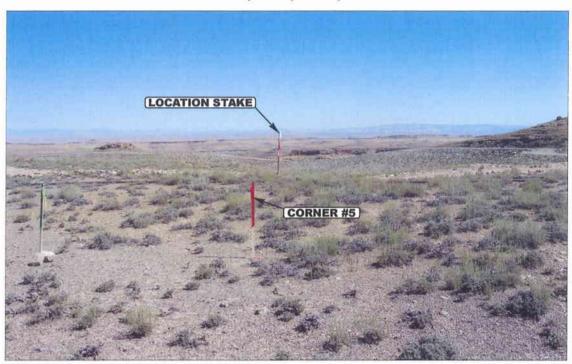


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHWESTERLY

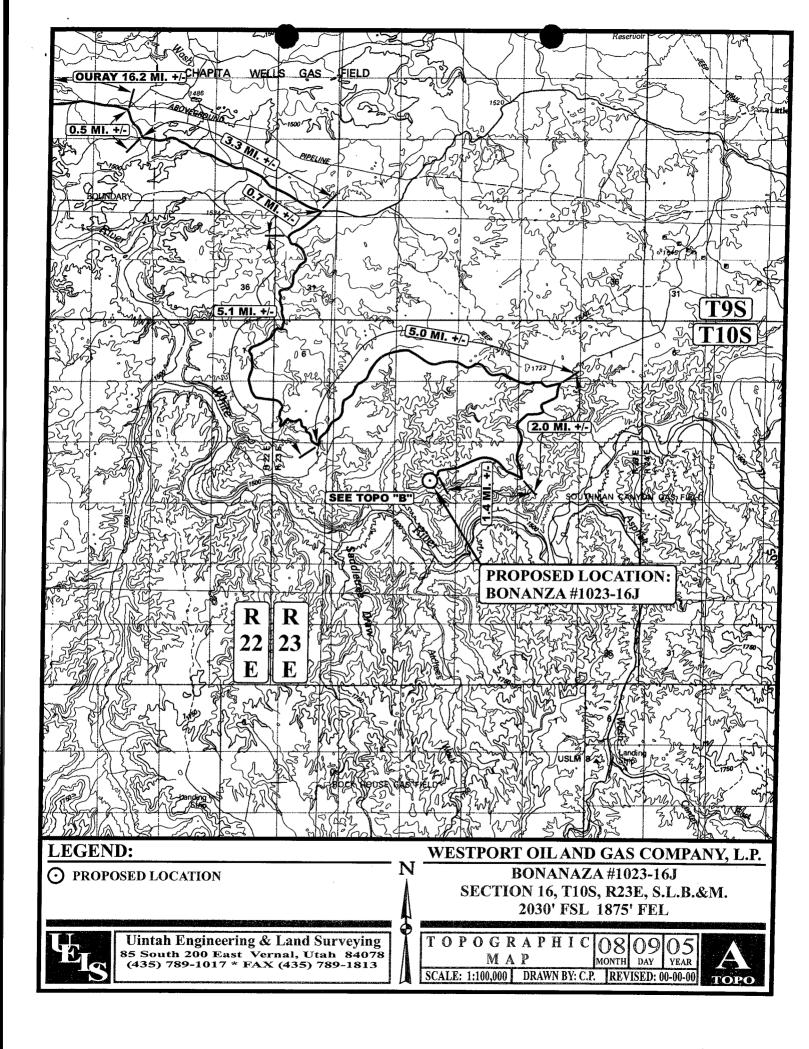


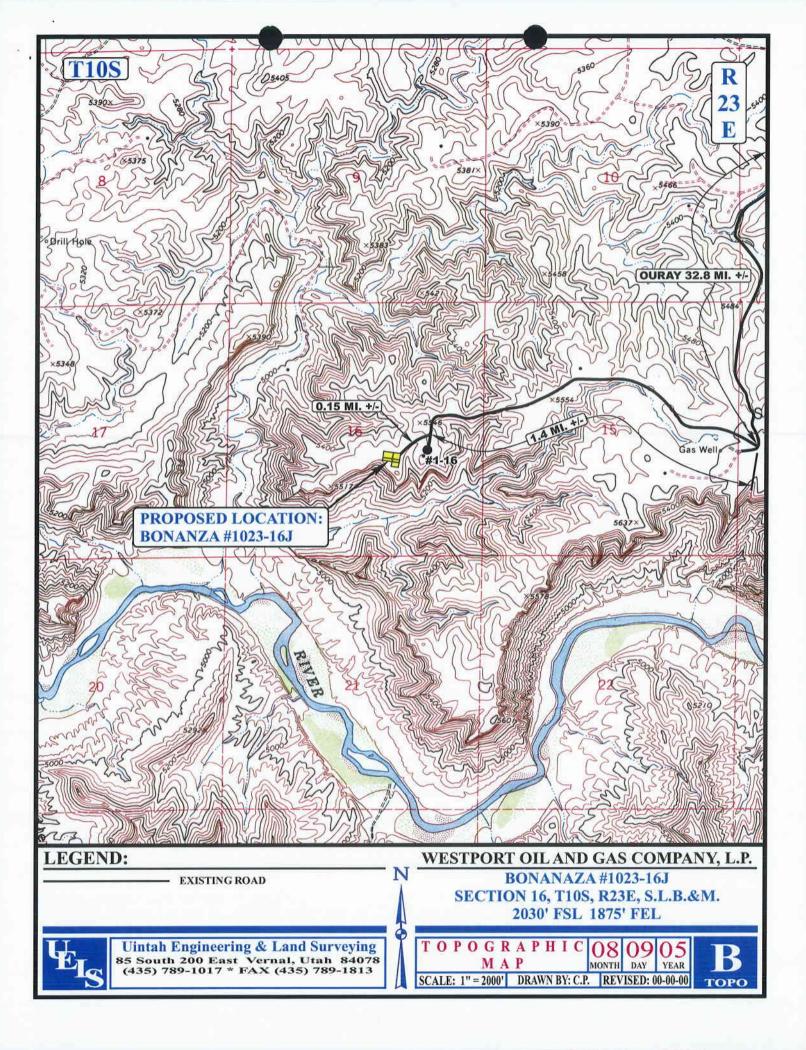
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 vels@uelsinc.com

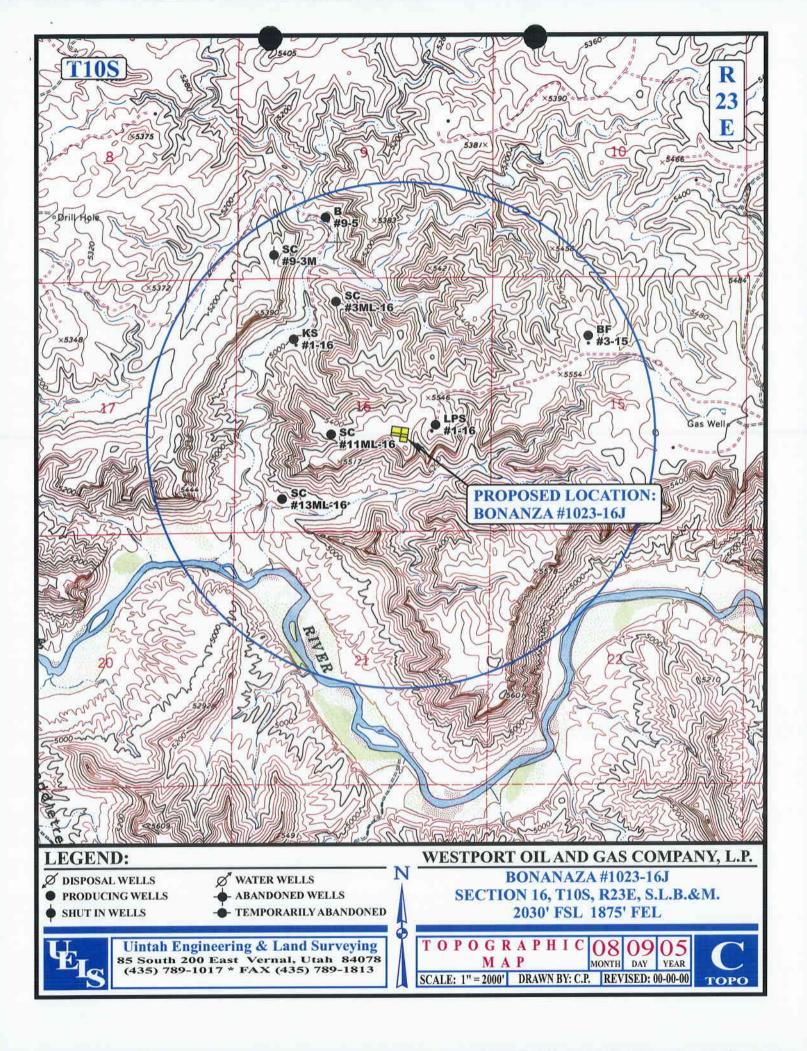
LOCATION PHOTOS

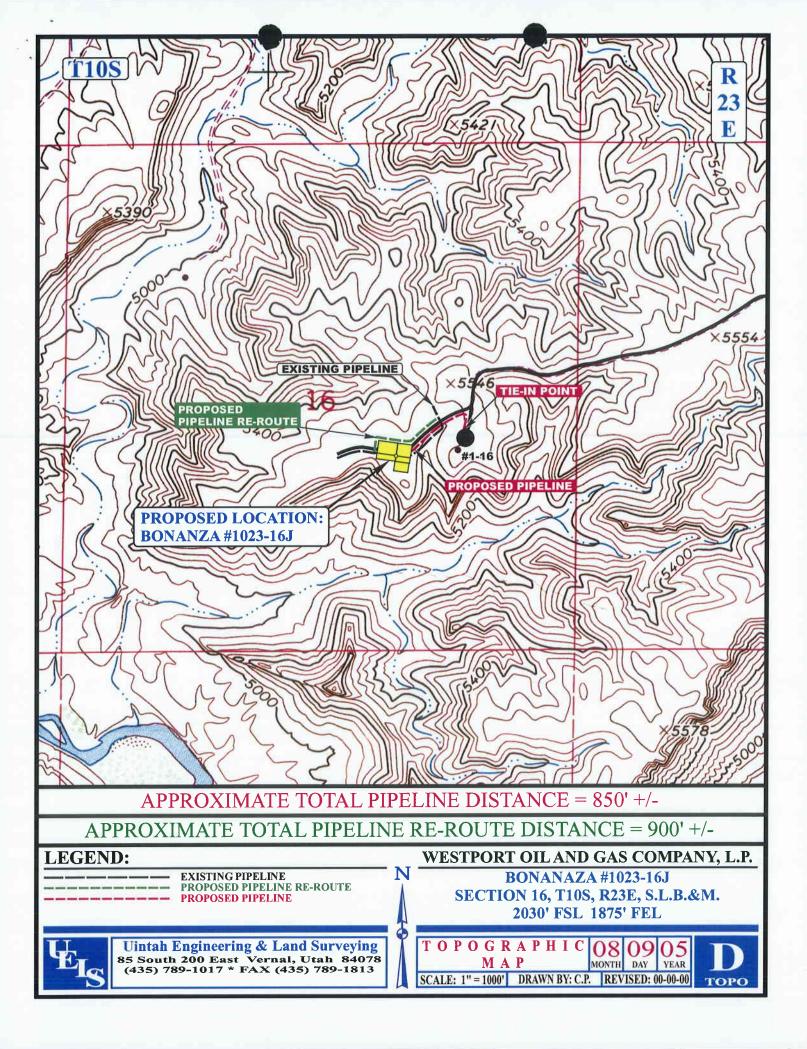
РНОТО

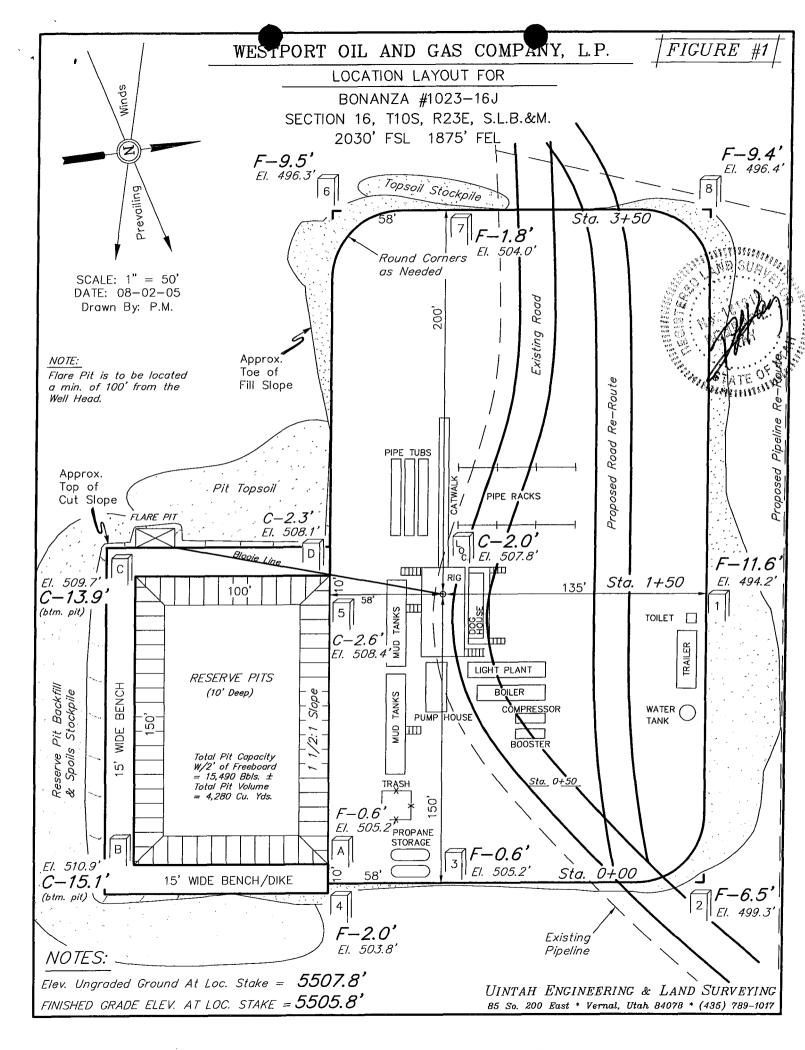
TAKEN BY: D.K. | DRAWN BY: C.P. | REVISED: 00-00-00

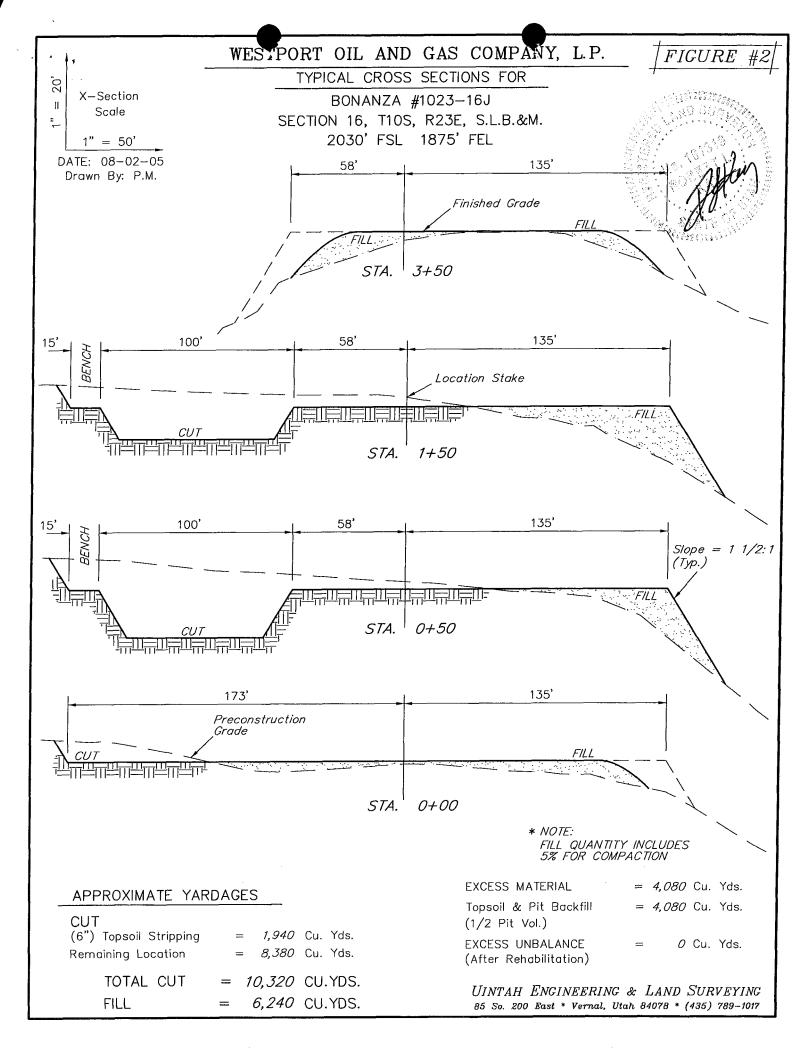




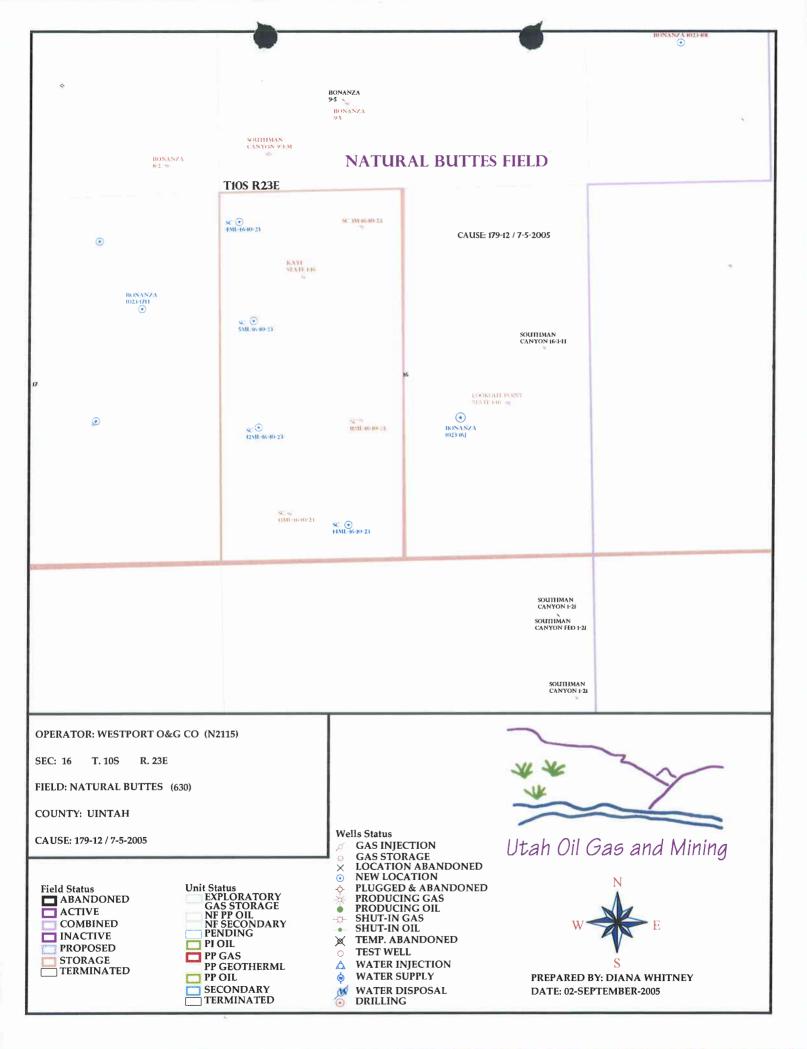








APD RECEIVED: 09/01/2005	API NO. ASSIGN	ED: 43-047-370	92
WELL NAME: BONANZA 1023-16J OPERATOR: LEVY-MCGEE (N2995) CONTACT: DEBRA DOMENICI	PHONE NUMBER: 4	35-781-7060	
PROPOSED LOCATION: NWSE 16 100S 230E SURFACE: 2030 FSL 1875 FEL BOTTOM: 2030 FSL 1875 FEL	INSPECT LOCATN	N BY: / /	Date
UINTAH	Engineering	DKD	10/14/05
NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: ML-22186-A	Geology Surface		
SURFACE OWNER: 3 - State PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO	LATITUDE: 39.9 LONGITUDE: -109		
Plat Plat Bond: Fed[] Ind[] Sta[] Fee[] (No. LU60005234) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) NA Fee Surf Agreement (Y/N) NA Intent to Commingle (Y/N)	R649-3-3. In the second control of the secon	General rom Qtr/Qtr & 920' Exception	325 Frother Well
COMMENTS: Neds Prate (O	9-28-05)		
STATEMENT	OF BASIS		



DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	Westport Oil & Gas Company, L.P.
WELL NAME & NUMBER:	
API NUMBER:	43-047-37092
LOCATION: 1/4,1/4 NW/SE Sec:	16 TWP: 10S RNG: 23E; 2030'SL 1875 FEL
Geology/Ground Water:	
saline water at this location is estimated shows no water wells within a 10,000 the Uinta Formation. The Uinta Formation are mostly lenticular and discontinuous	surface casing at this location. The depth to the base of the moderately sted to be at a depth of 4,500'. A search of Division of Water Rights records 0 foot radius of the proposed location. The surface formation at this site is mation is made up of interbedded shales and sandstones. The sandstones bus and should not be a significant source of useable ground water. brought to above the base of the moderately saline groundwater in order to
Reviewer: Brad H	<u>Date: 10/04/05</u>
Surface:	
Ed Bonner and Lavonne Garrison of S 6, 2005. Mr. Williams attended and h Mr. Estes a DWR recommended seed The location of the proposed well and that the reserve pit would be double lisuccess has been obtained with this p Ben Williams of the UDWR stated the recommend any stipulations, as water expected to be affected	at the area is classified as critical yearlong antelope range, however he did not is the limiting factor affecting the population not forage. No other wildlife is proposed location poses no obvious problems for drilling and appears to be
Reviewer: Floyd Bar	<u>Partlett</u> Date: 09/28/2005

Conditions of Approval/Application for Permit to Drill:

1. A double felt sub-liner and 2, 20 mil liners shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: Westport Oil & Gas Company, L.P.

WELL NAME & NUMBER: Bonanza #1023-16J

API NUMBER: 43-047-37092

LEASE: ML-22185-A FIELD/UNIT:

LOCATION: 1/4,1/4 NW/SE Sec: 16 TWP: 10S RNG: 23E; 2030'SL 1875 FEL LEGAL WELL SITING: F SEC. LINE; F 1/4,1/4 LINE; F ANOTHER WELL.

GPS COORD (UTM): 4423027 Y 0642792 X SURFACE OWNER: (SITLA)

PARTICIPANTS

Floyd Bartlett (DOGM), Carol Estes (Westport), Ben Williams (UDWR), Robert Kay (Uintah Engineering & Land Survey).

REGIONAL/SETTING TOPOGRAPHY

The location is on the north slope of a east-west trending ridge with draws on each side which run toward the White River approx % miles to the south. To the south of the location, the ridge also drops abruptly toward the White River. The edges of the breaks consist of ledges, which sometimes drop 100 feet

Ouray, Utah is 34.35 miles to the northwest and Bonanza, Utah about 8 miles to the northeast. Access to the area is by Uintah County and oil field access roads. The existing road intersects the center of the location and is proposed to be moved a short distance to the north, but will still intersect the location.

SURFACE USE PLAN

CURRENT SURFACE USE: Sheep grazing, limited hunting and recreation.

PROPOSED SURFACE DISTURBANCE: Location of 350'x 193' and a reserve pit of 100' x 150' with an additional 15' wide bench. No new road will be required. All material for the location and road will be obtained onsite.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See attached map from GIS data base.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be obtained from the site.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Unlikely, as the general use in the area is oil-field related with numerous other wells in the surrounding area. The location

will be near the edge of the breaks into the White River. The drilling rig possibly will be in view from the river, but when complete the tanks and other facilities will not be visible.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Black sagebrush, shadscale, broom snakeweed, mustards and needle and threadgrass. Antelope, rabbits, raptors, small reptiles, birds and mammals. Sheep graze the area in the winter.

SOIL TYPE AND CHARACTERISTICS: Deep medium brown sandy loam. Exposed surface rock or pavement.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion currently exists. Sedimentation and stability are not expected to be a problem with this location. To prevent this the pit must be properly constructed and lined to prevent any seepage toward the river.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: 100' by 150' and 10'deep. The reserve pit is all within cut. A 15' wide bench is planned around the outer edges and 2 'of freeboard.

LINER REQUIREMENTS (Site Ranking Form attached): Level 1 sensitivity. Double lining with 2, 20 mil liners and a double felt pad is planned for the reserve pit.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA requirements.

SURFACE AGREEMENT:

As per SITLA requirements.

CULTURAL RESOURCES/ARCHAEOLOGY: Site was surveyed on May 13, 2005. Report has been submitted.

OTHER OBSERVATIONS/COMMENTS

The location of the proposed well and its proximity to the White River were discussed with Mr. Estes. He stated that the reserve pit would be double lined with a felt pad and 2,20 mil. liners to prevent any possible leakage. Good success has been obtained with this procedure. Ben Williams of the UDWR stated that the area is classified as critical yearlong antelope range, however he did not recommend any stipulations, as water is the limiting factor affecting the population not forage. No other wildlife is expected to be affected.

This predrill investigation was conducted on a sunny day.

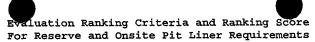
ATTACHMENTS

Photos of this site were taken and placed on file.

FLOYD BARTLETT
DOGM REPRESENTATIVE

09/28/05; 11:00 AM

DATE/TIME



roi keserve and	Oublice Lit Dinei	redarremenen
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75 <25 or recharge area	0 5 10 15 20	0
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	
Distance to Nearest Municipal Well (feet) >5280 1320 to 5280 500 to 1320 <500	0 5 10 20	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	10
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	<u>10</u>
Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	0 5 10 15	5
Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15	0

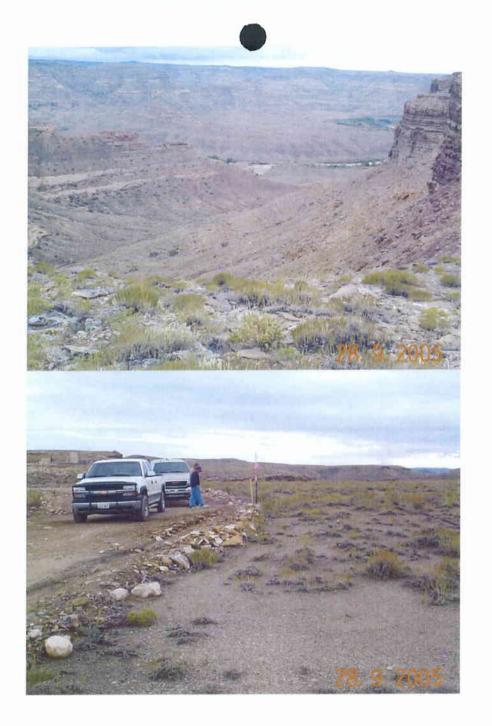
25 (Level I Sensitivity)

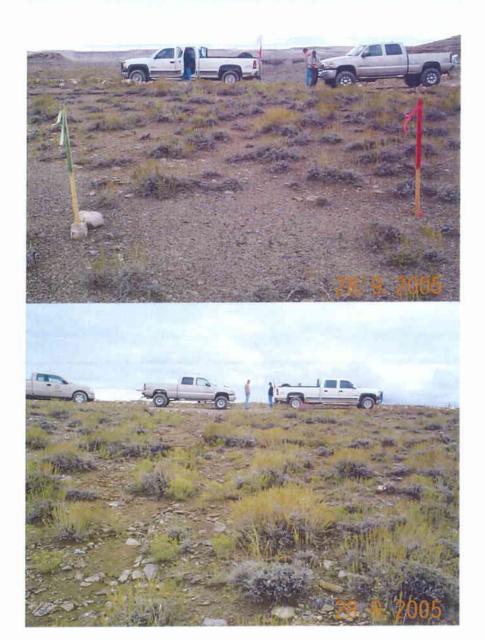
Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level I = 15-19; lining is discretionary.

Sensitivity Level II = below 15; no specific lining is required.

Final Score

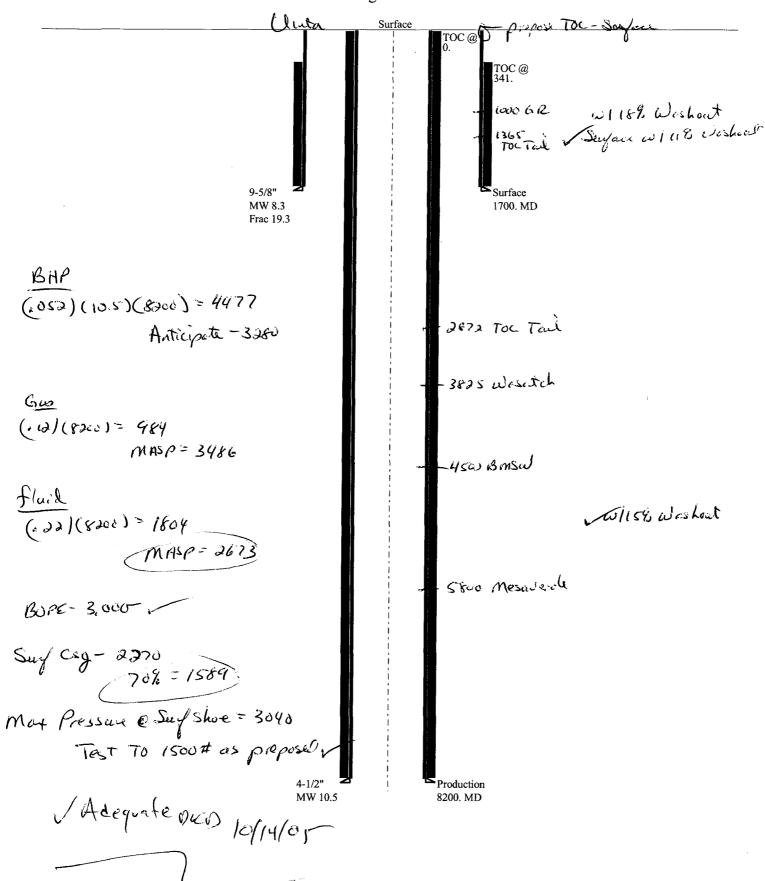






10-05 Westport Bonanza 1025-16J

Casing Schematic



Well name:

10-05 Westport Bonanza 1023-16J

Operator:

Westport Oil & Gas

String type:

Surface

Project ID:

43-047-37092

Location:

Uintah County, Utah

Design parameters:

Collapse

Mud weight: Design is based on evacuated pipe.

8.300 ppg

Collapse: Design factor

Minimum design factors: 1.125

Environment:

H2S considered?

Surface temperature: 65 °F Bottom hole temperature: 89 °F

Temperature gradient: Minimum section length: 1.40 °F/100ft 299 ft

Burst:

Design factor

1.00

1.80 (J) 1.80 (J)

1.60 (J) 1.50 (J) Cement top:

341 ft

No

Burst

Max anticipated surface

No backup mud specified.

pressure:

895 psi

Internal gradient: Calculated BHP

0.436 psi/ft 1,636 psi

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

Premium: Body yield:

1.50 (B)

Tension is based on air weight. Neutral point: 1,493 ft Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

8,200 ft 10.500 ppg 4,473 psi 19.250 ppg

Fracture mud wt: Fracture depth: 1,700 ft Injection pressure 1,700 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1700	9.625	32.30	H-40	ST&C	1700	1700	8.876	107.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	733	1370	1.869	1636	2270	1.39	55	254	4.63 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining by:

Phone: (801) 538-5281 FAX: (801)359-3940

Date: October 7,2005 Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

10-05 Westport Bonanza 1023-16J

Operator:

Westport Oil & Gas

String type:

Production

Design is based on evacuated pipe.

Project ID: 43-047-37092

Location:

Collapse

Uintah County, Utah

Minimum design factors:

Collapse: Design factor

1.125

Environment:

H2S considered? Surface temperature:

No 65 °F 180 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length: 1,500 ft

Burst:

Design factor

1.00

Cement top:

Surface

Burst

Max anticipated surface

No backup mud specified.

pressure:

900 psi

10.500 ppg

Internal gradient: Calculated BHP

Design parameters:

Mud weight:

0.436 psi/ft 4,473 psi

Tension:

8 Round STC: 8 Round LTC:

Buttress: Premium:

Body yield:

1.60 (J) 1.50 (J) 1.50 (B)

1.80 (J) 1.80 (J)

Tension is based on air weight. 6,913 ft Neutral point:

Non-directional string.

Run Segment Nominal End True Vert Measured Drift Internal Seq Length Size Weight Grade **Finish** Depth Depth Diameter Capacity (ft) (lbs/ft) (ft) (ft) (ft³) (in) (in) 1 8200 4.5 11.60 M-80 LT&C 8200 8200 3.875 190.1 Collapse Collapse Collapse **Burst Burst Burst Tension Tension** Tension Run Strength Design Load Load Strength Design Seq Load Strength Design Factor (psi) (psi) **Factor** (psi) (psi) **Factor** (Kips) (Kips) 2.81 B 1 4473 6350 1.420 4473 7780 1.74 95 267

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining by:

Phone: (801) 538-5281 FAX: (801)359-3940

Date: October 7,2005 Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

From:

Ed Bonner

To:

Whitney, Diana

Date:

9/22/2005 9:37:44 AM

Subject:

Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Enduring Resources, LLC

Archy Bench 11-24-12-32

Archy Bench 11-24-24-32

Rainbow 12-24-12-16

Rainbow 12-24-41-16

GLNA, LLC

Paradox Basin #1

The Houston Exploration Company

Little Pack Mountain 1-16-12-20

Little Pack Mountain 7-32-12-20

Quaneco, LLC

Murphy Ridge 7-32

Rosewood Resources

Stirrup State 7-32

Westport Oil & Gas Company

Bonanza 1023-2B (1 significant site which must be avoided)

Bonanza 1023-2D

Bonanza 1023-2H

Bonanza 1023-16J

XTO Energy Inc

State of Utah 17-8-18-14

State of Utah 17-8-18-12

If you have any questions regarding this matter please give me a call.

CC:

Garrison, LaVonne; Hill, Brad; Hunt, Gil

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:	1/6/2006
FROM: (Old Operator):	TO: (New Operator):
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-McGee Oil & Gas Onshore, LP
1368 South 1200 East	1368 South 1200 East
Vernal, UT 84078	Vernal, UT 84078
Phone: 1-(435) 781-7024	Phone: 1-(435) 781-7024

1 Hone. 1-(433) 781-7024	CA No.			Unit:	, , , , , , , , , , , , , , , , , , , ,			
WELL NAME		TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL	WELL STATUS
FEDERAL 920-25I	25	090S	200E	4304737079	1.0	Federal	GW	APD
FEDERAL 920-25H				4304737080	 	Federal	GW	APD
FEDERAL 920-25A				4304737081		Federal	GW	DRL
FEDERAL 920-35D				4304737020		Federal	GW	APD
FEDERAL 920-35E				4304737021		Federal	GW	APD
FEDERAL 920-35L		090S		4304737022		Federal	GW	APD
FEDERAL 920-35M		090S		4304737025	T	Federal	GW	APD
HATCH 923-14A		090S		4304737027		Federal	GW	APD
HATCH 923-14G		090S		4304737028		Federal	GW	APD
SOUTHMAN CYN 923-310		090S		4304737205		Federal	GW	APD
SOUTHMAN CYN 923-31K		090S		4304737206		Federal	GW	APD
SOUTHMAN CYN 923-31I		090S		4304737207		Federal	GW	NEW
SOUTHMAN CYN 923-31G		090S		4304737208		Federal	GW	APD
SOUTHMAN CYN 923-31E		090S		4304737209		Federal	GW	APD
SOUTHMAN CYN 923-31A	31	090S		4304737210		Federal	GW	APD
FEDERAL 1022-29E		100S		4304737102		Federal	GW	NEW
FEDERAL 1022-29C	29	100S		4304737103		Federal	GW	APD
FEDERAL 1022-31O		100S		4304737104		Federal	GW	APD
FEDERAL 1022-33D		100S		4304737105		Federal	GW	APD
FEDERAL 1022-33F		100S		4304737106		Federal	GW	APD
FEDERAL 1022-33K	33	100S		4304737107		Federal	GW	APD
FEDERAL 1022-33N		100S		4304737109		Federal	GW	NEW
FEDERAL 1022-33B		100S		4304737110		Federal	GW	APD
BONANZA 1023-2H		100S		4304737093		State	GW	APD
BONANZA 1023-2D		100S	_	4304737094		State	GW	APD
BONANA 1023-2B		100S		4304737095		State	GW	APD
BONANZA 1023-2P		1005		4304737223		State	GW	APD
BONANZA 1023-2N		100S		4304737224		State	GW	APD
BONANZA 1023-2L		100S		4304737225		State	GW	APD
BONANZA 1023-6N				4304737211		Federal	GW	APD
BONANZA 1023-6L				4304737212		Federal	GW	APD
BONANZA 1023-6J				4304737213		Federal	GW	APD
BONANZA 1023-6F				4304737214		Federal		APD
BONANZA 1023-7M				4304737215		Federal	GW	APD
BONANZA 1023-7K				4304737216		Federal		APD
BONANZA 1023-7E				4304737217		Federal		APD
BONANZA 1023-14D				4304737030		Federal	GW	APD
BONANZA 1023-14E				4304737031		Federal		APD
BONANZA 1023-16J				4304737092		State		NEW
BITTER CREEK 1122-4A				4304737111		Federal		APD
BITTER CREEK 1122-4C		10S 2		4304737112		Federal		APD
BITTER CREEK 1122-5B		10S 2		4304737112		Federal		APD APD

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from	om the FORMER oper	ator on:	5/10/2006	
2. (R649-8-10) Sundry or legal documentation was received from	om the NEW operator of	n:	5/10/2006	
	_			
3. The new company was checked on the Department of Com	merce. Division of Co	rnoratio	ns Database on:	3/7/2006
The state of the s	YES Business Number		1355743-0181	
· ·	——— Dusiness Number	.i.,	1555745-0161	
5. If NO, the operator was contacted contacted on:				
6a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE			
6b. Inspections of LA PA state/fee well sites complete on:		3 LA we	lls & all PA wells tra	ansferred
6c. Reports current for Production/Disposition & Sundries on:	ok			
oc. Reports current for 1 foundation Disposition & Buildings on.				
7. Federal and Indian Lease Wells: The BLM and or		ed the	merger, name cha 3/27/2006 BIA	ange, not yet
or operator change for all wells listed on Federal or Indian le	eases on.	DLM		not yet
8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operations.	ator for wells listed on:		3/27/2006	
 Federal and Indian Communization Agreement The BLM or BIA has approved the operator for all wells live. 			n/a	
10. Underground Injection Control ("UIC")	The Division has approv	ved UIC	Form 5, Transfer of	Authority to
Inject, for the enhanced/secondary recovery unit/project for				·
inject, for the emianeous secondary recovery unit project for	uic water disposar were	(0) 110104		
DATA ENTRY:				
1. Changes entered in the Oil and Gas Database on:	5/15/2006			
2. Changes have been entered on the Monthly Operator Chan	nge Spread Sheet on:		5/15/2006	
3. Bond information entered in RBDMS on:	5/15/2006			
4. Fee/State wells attached to bond in RBDMS on:	5/16/2006			
5. Injection Projects to new operator in RBDMS on:				
6. Receipt of Acceptance of Drilling Procedures for APD/New	on:	n/a	Name Change Onl	у
BOND VERIFICATION:				
1. Federal well(s) covered by Bond Number:	CO1203			
2. Indian well(s) covered by Bond Number:	RLB0005239			
3. (R649-3-1) The NEW operator of any fee well(s) listed cover			RLB0005236	
a. The FORMER operator has requested a release of liability fr	om their bond on:	n/a	rider added KMC	3
The Division sent response by letter on:				
LEASE INTEREST OWNER NOTIFICATION:				
4. (R649-2-10) The FORMER operator of the fee wells has been of their responsibility to notify all interest owners of this characteristics.		ed by a l 5/16/200		on
COMMENTS:				
	····		· · · · · · · · · · · · · · · · · · ·	

⁴ Form 3 160-5 (August 1999)

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

FORM AF	PPROVED
OMB No.	1004-0135
Expires Jnove	mber 30, 2000

5. Lease Serial No.

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6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well					
Oil Well X Gas Well	Other		8.	Well Name and No.	
2. Name of Operator		-	ML	JTIPLE WELL	_S
KERR-McGEE OIL & GAS C	NSHORE LP		9.	API Well No.	
3a. Address	38	o. Phone No. (include ar	ea code)		
1368 SOUTH 1200 EAST V	ERNAL, UT 84078 (4	435) 781-7024	10.	Field and Pool, or Exp	loratory Area
4. Location of Well (Footage, Sec.,				•	
			11. 0	County or Parish, State	2
SEE ATTACHED			1.118	ITAH COUNTY,	I ITALI
			Oii\	TAIT COUNTY,	
12. CHECK APPI	ROPRIATE BOX(ES) TO INI	DICATE NATURE OF 1	NOTICE, REPO	RT, OR OTHER DA	ATA
TYPE OF SUBMISSION		ТҮРЕ С	F ACTION		
Notice of Intent	Acidize	Deepen	Production (Start	/Resume) Water	r Shut-Off
- ·	Alter Casing	Fracture Treat	Reclamation	=	Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		CHANGE OF
	Change Plans	Plug and Abandon	Temporarily Aba	ndon OPEF	RATOR
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
PLEASE BE ADVISED THAT OPERATOR OF THE ATTAC KERR-McGEE OIL & GAS O OF THE LEASE(S) FOR THI IS PROVIDED BY STATE OF	al inspection. T KERR-McGEE OIL & G CHED WELL LOCATION NSHORE LP, IS RESPO E OPERATIONS CONDU	SAS ONSHORE LP, S. EFFECTIVE JAM DNSIBLE UNDER TO JCTED UPON LEAS BOND NO. RLB0005 APP	IS CONSIDEI NUARY 6, 200 ERMS AND C	RED TO BE THE 16. ONDITIONS	RECEIVED MAY 1 0 2006
			n of Oll, Clas	usell Mining	
14. I hereby certify that the foregoing	; is true and correct			ineering Technic	ian
Name (Printed/Typed) RANDY BAYNE		DRILLING MANAG	=		
Signature		Date			
Kanky & Sayne		May 9, 2006			
	THIS SPACE F	OR FEDERAL OR STAT	TE USE		
Approved by		Title		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent which would entitle the applicant to conduct	table title to those rights in the subject operations thereon.	t lease			
Title 18 U.S.C. Section 1001, make				nt or agency of the U	nited States any
false, fictitious or fraudulent statemen	its or representations as to any m	auer within its jurisdiction			

Form 3 160-5 (August 1999)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No. MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD					0. Il lilulan,	Allo	tee of Tribe Name
SUBMIT IN TRIPL	ICATE – Other instru	ctions	on revers	e sid	de	7. If Unit or	CA/	Agreement, Name and/or No.
1. Type of Well Oil Well Gas Well 2. Name of Operator	Other					8. Well Nam		
WESTPORT OIL & GAS CO	MPANY L.P.					9. API Well		VELLO
3a. Address		3b. P	hone No. (inclu	de are	ea code)			
1368 SOUTH 1200 EAST V	/ERNAL, UT 84078	(435)	781-7024			10. Field and	Pool,	or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)	·· · · · · · · · · · · · · · · · · · ·					
						11. County or	Paris	sh, State
SEE ATTACHED						UINTAH C	ΟU	NTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	INDICA	TE NATURE	OF N	NOTICE, R	EPORT, OR (ЭТН	ER DATA
TYPE OF SUBMISSION			TY	PE O	F ACTION			
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X Subsequent Report	Casing Repair	=	v Construction	ŏ	Recomplete		\mathbf{x}	Other CHANGE OF
	Change Plans	Plu	g and Abandon		Temporaril	y Abandon		OPERATOR
Final Abandonment Notice	Convert to Injection	Plu	g Back		Water Disp	osal		
following completion of the involved testing has been completed. Final Aidetermined that the site is ready for fine EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF T	bandonment Notices shall be file al inspection. DO6, WESTPORT OIL 8	d only aft & GAS	er all requiremen	nts, in	cluding reclai	mation, have bee	n con	in 1500-4 shar be filed once inpleted, and the operator has
ONSHORE LP.	APPR	OVI	ED <u>5/</u>	16	106	-	F	RECEIVED
	DIVISION	or UII,	Gas and M Engineering	min	£			MAY 1 0 2006
14. I hereby certify that the foregoing	g is true and correct	====				U	V. O	FOIL, GAS & MINING
Name (Printed/Typed)	•	Title						
BRAD LANEY		ENG	SINEERING	SP	ECIALIS [*]	Γ		
Signature		Date May	9, 2006					
	THIS SPACE		DERAL OR S	ΤΔΤ	E USE	=======================================		
Approved by			Title			Date		
Grad Janus						5-9	- C	6
Conditions of approval, if any, are attacked certify that the applicant holds legal of equi which would entitle the applicant to conduct	table title to those rights in the subj	varrant or ject lease	Office					
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemen						rtment or agen	cy of	the United States any

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has chan	ged, effective:				1/6/2006		
FROM: (Old Operator):			TO: (New Op	erator):			
N2115-Westport Oil & Gas Co., LP			N2995-Kerr-Mo		Gas Onshor	e, LP	
1368 South 1200 East			1368 Sc	outh 1200	East		
Vernal, UT 84078			Vernal,	UT 84078	;		
Phone: 1-(435) 781-7024			Phone: 1-(435)	781-7024			
CA No.			Unit:			•	
WELL NAME	SEC TWN R	NG	1	ENTITY	LEASE	WELL	WELL
				NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENT.	ATION						
Enter date after each listed item is completed							
1. (R649-8-10) Sundry or legal documentation wa	s received fron	n the	FORMER oper	rator on:	5/10/2006		
2. (R649-8-10) Sundry or legal documentation wa	is received from	n the	NEW operator	on:	5/10/2006	•	
3. The new company was checked on the Departr	ment of Comm	erce,	Division of Co	rporation	s Database o	- on:	3/7/2006
4a. Is the new operator registered in the State of U	Jtah: Y	ES	Business Numb	er:	1355743-018	31	
4b. If NO, the operator was contacted contacted of	on:					-	
5a. (R649-9-2)Waste Management Plan has been re	ceived on:		IN PLACE				
5b. Inspections of LA PA state/fee well sites complete.	lete on:		n/a				
5c. Reports current for Production/Disposition & S	undries on:		ok				
6. Federal and Indian Lease Wells: The	BLM and or t	he B	IA has appro	ved the n	nerger, nar	ne chan	ge,
or operator change for all wells listed on Federa	al or Indian lea	ses o	n:	BLM	3/27/2006	BIA	not yet
7. Federal and Indian Units:							
The BLM or BIA has approved the successor	of unit operate	or for	wells listed on:		3/27/2006		
8. Federal and Indian Communization	_		•				
The BLM or BIA has approved the operator to				1	n/a		
9. Underground Injection Control ("U	/		vision has appro			ster of A	uthority to
Inject, for the enhanced/secondary recovery un	ut/project for th	ie wa	ter disposal wel	l(s) listed of	n:		
DATA ENTRY:			# 14 # 10 000				
1. Changes entered in the Oil and Gas Database		6	5/15/2006		5/15/2006		
2. Changes have been entered on the Monthly Op3. Bond information entered in RBDMS on:		_	5/15/2006		3/13/2000	-	
4. Fee/State wells attached to bond in RBDMS on		•	5/16/2006				
5. Injection Projects to new operator in RBDMS of		•	3/10/2000				
6. Receipt of Acceptance of Drilling Procedures for		n:		n/a	Name Chan	ge Only	
BOND VERIFICATION:							
1. Federal well(s) covered by Bond Number:	•		CO1203				
2. Indian well(s) covered by Bond Number:		•	RLB0005239				
3. (R649-3-1) The NEW operator of any fee well	(s) listed covere	ed by	Bond Number		RLB000523	6	
a. The FORMER operator has requested a release	of liability fror	n the	ir bond on:	n/a	rider adde	d KMG	
The Division sent response by letter on:							
LEASE INTEREST OWNER NOTIFIC							
4. (R649-2-10) The FORMER operator of the fee						Division	
of their responsibility to notify all interest owner COMMENTS :	rs of this chang	e on:		5/16/2006			
COMMENTS.							
			 				

* Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

MULTIPLE LEASES

	form for proposals to Use Form 3160-3 (APD)					6. If Indian, Al	lottee or Tribe	Name
SUBMIT IN TRIPL	ICATE – Other instru	ctions (on reverse	side		7. If Unit or CA	VAgreement, l	Name and/or No.
1. Type of Well								
Oil Well X Gas Well	Other				Ì	8. Well Name a	ind No.	
2. Name of Operator						MUTIPLE	WELLS	
KERR-McGEE OIL & GAS (NSHORE LP				ľ	9. API Well No),	
3a. Address		3b. Pho	one No. (includ	le area code	2)			
1368 SOUTH 1200 EAST V	ERNAL, UT 84078	(435) 7	81-7024		ľ	10. Field and Po	ol, or Explorat	tory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descriptio	n)						
					ſ	11. County or Pa	rish, State	
SEE ATTACHED					,	UINTAH CO	UNTY, UT	АН
12. CHECK APP	ROPRIATE BOX(ES) TO [NDICAT	E NATURE	OF NOTIC	CE, RI	EPORT, OR OT	HER DATA	
TYPE OF SUBMISSION			TYI	PE OF AC	TION			
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Subsequent Report	Casing Repair	New	Construction	Reco	mplete	Ī		HANGE OF
Final Abandonment Notice	Change Plans Convert to Injection	Plug Plug	and Abandon Back	=	orarily r Dispo	Abandon osal	OPERAT	OR
PLEASE BE ADVISED THAT OPERATOR OF THE ATTACKERR-McGEE OIL & GAS COF THE LEASE(S) FOR TH IS PROVIDED BY STATE OF BLM B BIA B 14. I hereby certify that the foregoing Name (Printed/Typed)	CHED WELL LOCATIONSHORE LP, IS RESP E OPERATIONS CONI F UTAH NATIONWIDE ONO = C 0/203 ONO = RLB 000	NS. EF PONSIB DUCTEI BOND	FECTIVE LE UNDEF D UPON LE NO. RLBO AI 39	JANUAF R TERMS EASE LA 005237. PRO Carla Islan of	RY 6, S ANI ANDS VEI WL	2006. D CONDITIC S BOND COV	ons Verage S O O DIV	RECEIVED MAY 1 0 2006 OF OIL, GAS & MINI
RANDY BAYNE			LING MAN					'
Signature Sayne		Date May	9, 2006					
	THIS SPACE			STATE US	E			
Approved by			Title		-	Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduc	table title to those rights in the subjudgmentions thereon.	ect lease	Office					
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent stateme	п а crime for any person kno nts or representations as to any	wingiy an matter wi	a wilitully to thin its jurisdi	make to an ction.	y depa	rtment or agency	of the United	1 States any

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND R	EPORTS ON WELLS
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MULTIPLE LEASES

SONDINI	HOLIOPS WITH WELLOW!	O OII WELLO	MOLINICLECTORO		
	form for proposals to Use Form 3160-3 (APD)		6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No.				
1. Type of Well					
Oil Well X Gas Well	Other .	······································	8. Well Name and No.		
2. Name of Operator			MUTIPLE WELLS		
WESTPORT OIL & GAS CO	MPANY L.P.		9. API Well No.		
3a. Address		3b. Phone No. (include area code)			
1368 SOUTH 1200 EAST V		(435) 781-7024	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)			
			11. County or Parish, State		
SEE ATTACHED			UINTAH COUNTY, UTAH		
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTIO	N		
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Fracture Treat Reclamati	other CHANGE OF OPERATOR		
Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fire EFFECTIVE JANUARY 6, 2 THE OPERATORSHIP OF	ork will be performed or provide operations. If the operation results bandonment Notices shall be file that inspection. OO6, WESTPORT OIL	the Bond No. on file with BLM/BIA. Requilts in a multiple completion or recompletion			
ONSHORE LP.	A DDT	POVED SILLION			
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	ĊĊ	Whene Russell	•		
	Division	of Oil, Gas and Mining	MAY 1 0 2006		
	Earlene	Russell, Engineering Technicis	DIV OF OIL CAS & MANAGE		
14. I hereby certify that the foregoin	g is true and correct		DIV OF OIL GAS & MINING		
Name (Printed/Typed)		Title			
BRAD LANEY		ENGINEERING SPECIALIS	ST		
Signature		Date May 9, 2006			
	THIS SPAC	E FOR FEDERAL OR STATE USE			

Conditions of approval, if any, are attacked. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Date

5-9-06

Approved by

(I) KerrMcGee

Kerr-McGee Oil & Gas OnShore LP 1999 Broadway, Suite 3700, Denver, Colorado 80202 303-296-3600 • Fax 303-296-3601

September 11, 2006

Ms. Diana Whitney Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, UT 84114-6100

RE:

Bonanza 1023-16J

T10S-R23E

Section 16: NWSE 2,030' FSL, 1,875' FEL Uintah County, Utah

Dear Ms. Whitney:

Kerr-McGee Oil & Gas Onshore LP has submitted a permit to drill the captioned well to test the Wasatch and Mesaverde formations. The well is located at an exception location to State Rule 179-12. The well location is less than 920' from the producing Lookout Point 1-16 well, which is producing from the same pool. Both wells are located within the same E/2 spacing unit and the proximity between wells does not interfere with the correlative rights of the royalty and working interest owners.

Kerr-McGee requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 720-264-2618.

Sincerely,

W. Chris Latimer, CPL

Senior Landman

cc: Raleen Weddle

RECEIVED SEP 1 3 2006

DIV. OF OIL, GAS & MINING

CULTURAL RESOURCE INVENTORY OF WESTPORT OIL AND GAS COMPANY'S PROPOSED BONANZA #1023-16J WELL LOCATION, UINTAH COUNTY, UTAH

> Keith Montgomery and Jennifer Taylor

CULTURAL RESOURCE INVENTORY OF WESTPORT OIL AND GAS COMPANY'S PROPOSED BONANZA #1023-16J WELL LOCATION, UINTAH COUNTY, UTAH

By:

Keith Montgomery and Jennifer Taylor

Prepared For:

State of Utah
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

Westport Oil and Gas Company 1368 South 1200 East Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 05-160

May 13, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0438s

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in May 2005 for a proposed Westport Oil and Gas Company well location Bonanza #1023-16J, Uintah County, Utah. The survey was implemented at the request of Mr. Carroll Estes, Westport Oil and Gas Company, Vernal, Utah. A total of 12.7 acres was inventoried, situated on lands administered by the State of Utah School and Institutional Trust Lands Administration (SITLA).

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed May 6, 2005 by Keith Montgomery under the auspices of U.S.D.I. (FLPMA) Permit No. 05-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-05-MQ-0438s issued to MOAC.

A file search was performed by Keith Montgomery at the BLM Vernal Field Office on March 24, 2005. An in-house file search was also performed at the office of MOAC. These consultations indicated that several archaeological inventories have been completed in the project area. To the south of the project area, Nickens and Associates conducted a large inventory in the Seep Ridge Cultural Study Tract in 1981 (Larralde and Chandler 1981). This inventory involved a 10% random sample of 10, 944 acres resulting in 274 40-acre units. A total of 40 sites and 106 isolated finds of artifacts ranging in time periods from PaleoIndian to European American were documented. Just to the west of the project area, Archeological-Environmental Research Corporation (AERC) conducted cultural resource evaluations of 10 proposed well locations resulting in no sites (Hauck 1985). In 2002, MOAC completed an inventory of seven seismic lines for the Veritas Uintah Seismic Project (Elkins and Montgomery 2002). The inventory resulted in documentation of 69 new archaeological sites and 11 isolated finds of artifacts. None of these sites lies within the current project area. In 2004, MOAC completed a survey of 10 wells for Westport Oil and Gas which resulted in the documentation of one ineligible site (Whitfield and Bond 2004). During the same year, an inventory of two Westport Oil and Gas wells in T10S, R23E, Sections 17 and 18 was conducted resulting in no cultural resources (Montgomery and Shank 2004). In 2005, a cultural resource inventory of four Westport and Oil wells in T10S, R23E, Sections 17 and 18 was conducted and no sites were found (Montgomery 2005). In summary, no previously recorded sites are within the project boundary.

DESCRIPTION OF PROJECT AREA

The Westport Oil & Gas Company's proposed well location Bonanza #1023-16J with 437 m of access/pipeline corridor is situated near Southman Canyon, southwest of Bonanza, Utah. The legal description is NW/SE Township 10 South, Range 23 East, Section 16 (Figure 1).

Environment

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities.

Specifically, the project area occurs north of the White River and the Southman Canyon Gas Field on the valley floors which are interspersed by flat topped buttes and narrow steep-sided ridges. The area is heavily dissected and carved by ephemeral drainages. Surface geology consists of hard pan residual soil armored with shale and sandstone pebbles. The elevation ranges between 5300 ft and 5550 ft a.s.l. The project occurs within the Upper Sonoran Desert Shrub Association which includes sagebrush, shadscale, greasewood, mat saltbush, snakeweed, rabbitbrush, prickly pear cactus, Indian ricegrass and other grasses. Modern disturbances include roads and oil/gas development.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the proposed well locations, a ten acre or larger area centered on the center stake of the location was surveyed by the archaeologist walking parallel transects spaced no more than 10 m (30 ft) apart. The access and pipeline corridors were 150 feet wide, surveyed by walking parallel transects along the staked centerline, spaced no more than 10 m (30 ft) apart. Ground visibility was considered to be good. A total of 12.7 acres was inventoried, all of which occurs on land administered by the BLM, Vernal Field Office.

RESULTS AND RECOMMENDATIONS

The inventory of Westport Oil and Gas Company's proposed Bonanza #1023-16J well location resulted in the location of no new archaeological sites. Based on the findings, a determination of "no historic properties affected" is recommended for the undertaking pursuant to Section 106, CFR 800.

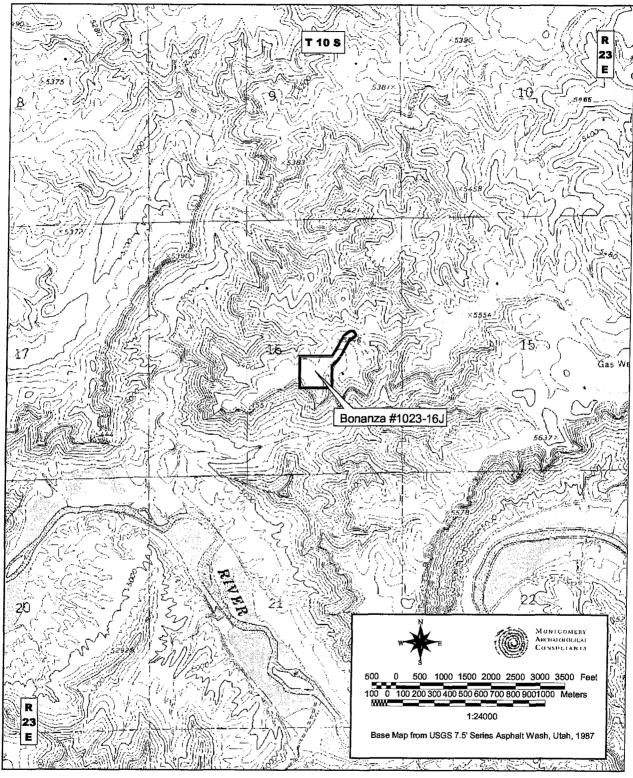


Figure 1. Inventory Area of Westport Oil & Gas Company's Bonanza #1023-16J, Uintah Co., UT.

REFERENCES CITED

Elkins and Montgomery

2002

Cultural Resource Inventory of Seven Seismic Lines for the Veritas Uintah Seismic Project, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-02-MQ-0243bps.

Hauck, F.R.

1985

Cultural Resource Evaluation of Ten Proposed Well Locations in Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Project No. U-84-AF-391.

Larralde, S.L. and S.M. Chandler

1981

Archaeological Inventory in the Seep Ridge Cultural Study Tract, Uintah County, Northeastern Utah. Nickens and Associates, Montrose, Colorado. Project No. U-81-NH-590.

Montgomery, Keith R.

2005

Cultural Resource Inventory of Westport Oil & Gas Company's Bonanza Four Proposed Well Locations #1023-17F, #1023-17K, #1023-18J and #1023-18K, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-05-MQ-0199b.

Montgomery, Keith R. And Deborah Shank

2004

Cultural Resource Inventory of Westport Oil & Gas Company's Bonanza Two Proposed Well Locations #1023-17B and #1023-18B, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-04-MQ-0350b.

Stokes, W.L.

1986

Geology of Utah. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

Whitfield, A. and M. Bond

2004

Cultural Resource Inventory of Westport Oil & Gas Company's Bonanza #1023-18D, #1023-18G, #1023-9E, #1023-17H, #1023-17J, #1023-9P, #1023-10L, #1023-11K, #1023-1G and #1023-1O Proposed Well Locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-04-MQ-0117b,s.

CULTURAL RESOURCE INVENTORY OF WESTPORT OIL AND GAS COMPANY'S PROPOSED WELL LOCATIONS BITTER CREEK #1122-2B and #1122-2H UINTAH COUNTY, UTAH

Ву:

Keith R. Montgomery and Kate Freudenberg

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Westport Oil and Gas Company 1368 South 1200 East Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 05-237

July 16, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0684b

INTRODUCTION

In July, 2005 Montgomery Archaeological Consultants (MOAC) conducted a cultural resource inventory for Westport Oil and Gas Company's proposed well locations Bitter Creek 1122-2B and 1122-2H with access roads and pipeline corridors. The project area is located on Archy Bench east of Bitter Creek, Uintah County, Utah. The survey was implemented at the request of Mr. Carroll Estes of the Westport Oil and Gas Company, Vernal, Utah. A total of 37.4 acres was inventoried on public lands administered by Bureau of Land Management, Vernal, Utah.

The objective of the inventory was to locate, document and evaluate any cultural resources within the project are in order to comply with Section 106 of 36 CFR 800 the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978 and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on July 12, 2005 by Keith R. Montgomery. The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 05-UT-60122, State of Utah Antiquities Permit (Survey) No. U-05-MQ-0684b issued to MOAC, Moab, UT.

A file search for previous cultural resource inventories and archaeological sites was conducted by Keith Montgomery at the BLM Vernal Field office on July 11, 2005. The file search revealed that several previous inventories have been completed in the vicinity of the present project area. In 1980, Gordon and Kranzush Consultants inventoried a Natural Gas Pipeline Company corridor revealing no archaeological sites (Gordon 1980a). Again in 1980 this company surveyed a proposed pipeline in the area and located no cultural resources (Gordon1980b). In 1984, Western Wyoming College conducted an inventory for the Natural Gas Pipeline Company; no cultural resources were found (Creasman 1984). In 2002, Montgomery Archaeological Consultants (MOAC) completed a cultural resource inventory under contract with Buys and Associates for the Veritas DGC Land, Inc. Uintah Seismic project. Of the 75 archaeological sites found or revisited, none lie near the current project area (Elkins and Montgomery 2002, U-02-MQ-0243). In 2004, MOAC completed a cultural resource inventory of the proposed Seep Ridge West Expansion pipeline corridor for Miller, Dyer & Co. (Drake 2004) which resulted in the identification of three previously recorded sites (42Un2383, 42Un2570 and 42Un2761) and four new sites (42Un4387 through 42Un4390). None of the sites are located within the current project area. In 2005, MOAC surveyed five well pads in T11S, R22E, Section 2 and located one eligible site (42Un4826) and three ineligible sites (42Un4827-42Un4829) (Seacat and Freudenberg, 2005). These sites are not located within the project area. In summary, while several projects have been completed near the project area, there are no previously recorded sites within the area.

DESCRIPTION OF PROJECT AREA

Westport Oil and Gas Company's two proposed well locations with access roads and pipelines are situated on Archy Bench east of Bitter Creek. The legal description is Township 11 South, Range 22 East, Section 2 (Table 1, Figure 1).

Table 1: Westport Oil and Gas Company's Two Well Locations and Access/Pipeline Corridors

Well Location & Designation	Legal Location	Access/Pipeline	Cultural Resources
Bitter Creek #1122-2B	T11S, R22E, Sec. 2 NW/NE	Access:1,600 ft Pipeline: 2,200	None
Bitter Creek #1122-2H	T11S, R22E, Sec. 2 SE/NE	Access: 120 ft Pipeline: 5,700 ft	None

The study area lies within the Uinta Basin Physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River Drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities.

Specifically, the inventory area is situated south of the White River and east of Cottonwood Canyon. The area is heavily dissected and carved by ephemeral drainages. The surface geology consists of hard pan residual soil encumbered with shale and sandstone pebbles as well as some sand shadows. The elevation ranges between 5200 and 5800 ft. a.s.l. The project occurs within the Upper Sonoran Desert Shrub Association which includes sagebrush, shadscale, greasewood, mat saltbush, snakeweed, rabbitbrush, prickly pear cactus, Indian ricegrass and non-native vegetation. Modern disturbances include livestock grazing, roads, and oil/gas development.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed by the archaeologist walking parallel transects spaced no more than 10 meters apart, which is considered 100% coverage for this project. At the proposed well locations, a 10 acre square was defined, centered on the well pad center stake. Access roads and pipeline corridors were surveyed to a width of 30 m (100 ft) when they occurred separately and 45 m (150 ft) since they occurred together. Ground visibility was considered good. A total of 37.4 acres was inventoried for cultural resources, all of which occurs on land administered by Bureau of Land Management, Vernal, Utah.

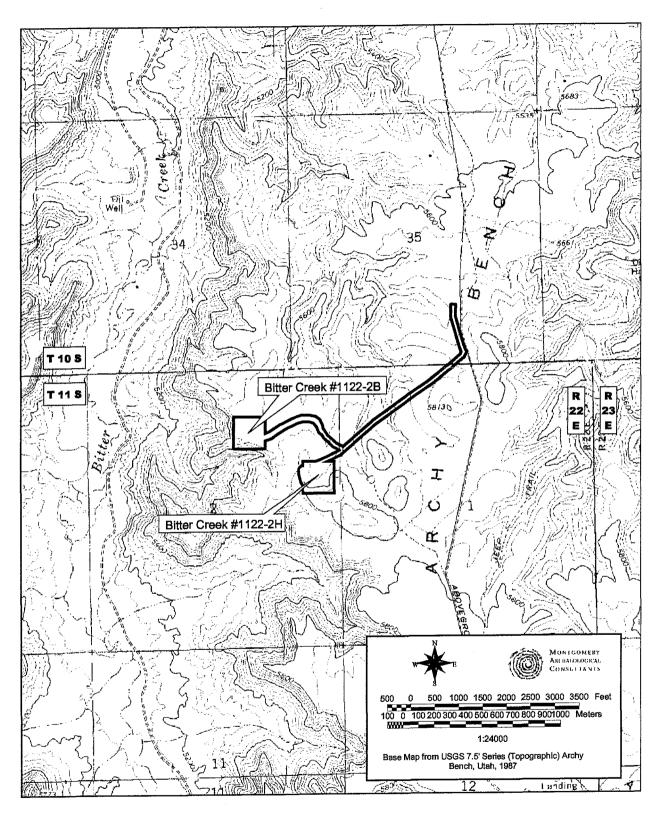


Figure 1. Inventory area of Westport Oil and Gas Company's Bitter Creek #1122-2B and Bitter Creek #1122-2H well locations with access/pipeline corridors, Uintah County, Utah.

INVENTORY RESULTS AND RECOMMENDATIONS

The inventory of Westport Oil and Gas's two well locations Bitter Creek #1122-2B and #1122-2H resulted in the documentation of no cultural resources. Based on the findings, a determination of "no historic properties affected" is recommended for the undertaking persuant to Section 106, CFR 800.

REFERENCES CITED

Creasman, S. D.

Natural Gs Pipeline Company of America Flow Line to Serve Ensearch Lizard Creek 1-10 well (R-O-W 2907). Western Wyoming College. Report 84-WWC-77.

Drake, D.

2004 Cultural Resource Inventory of the Seep Ridge West Expansion Pipeline, Uintah County, Utah. Montgomery Archaeological Consultants, Inc., Moab, Utah. Report No. U-04-MQ-0738i.

Elkins, M. and K. R. Montgomery

Cultural Resource Inventory of Seven Seismic Lines for the Veritas Uintah Seismic Project, Uintah County, Utah. Montgomery Archaeological Consultants, Inc., Moab, Utah. Report No. U-02-MQ-0243b,p,s.

Gordon, Kranzush

1980a Natural Gas Pipeline Company of America Ensearch Exploration, Inc. Bitter Creek Fed. #1-3, Well Tie-in-Utah. Gordon & Kranzush. Report # U-80-GA-0476b.

Gordon, Kranzush

1980b Natural Gas Pipeline Company of America Ensearch Exploration, Inc. Bitter Creek Fed. #1-3, Well Tie-in-Reroute. Gordon & Kranzush. Report # U-80-GE-0498b.

Seacat, T. and K. Freudenberg

Cultural Resource Inventory for Enduring Resources' Five Proposed Well Locations on Bitter Creek, (Archy Bench 11-22-11-2, 11-22-12-2, 11-22-13-2, 11-22-14-2, AND 11-22-24-2) IN T 11S, R22E, SEC. 2 Uintah County, Utah. Montgomery Archaeological Consultants, Inc., Moab, Utah. Report No. U-05-MQ-0614b.

Stokes, W. L.

1986 Geology of Utah. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.



Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

September 14, 2006

Kerr-McGee Oil & Gas Onshore LP 1368 S 1200 E Vernal, UT 84078

Re:

Bonanza 1023-16J Well, 2030' FSL, 1875' FEL, NW SE, Sec. 16, T. 10 South,

R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37092.

Sincerely,

Gil Hunt

Associate Director

Die The

pab Enclosures

cc:

Uintah County Assessor

SITLA

Operator:	Kerr-McGee Oil & Gas Onshore LP						
Well Name & Number	Bonanz	a 1023-16J					
API Number:	43-047-37092						
Lease:	ML-221						
Location: NW SE	Sec. 16	T. 10 South	R. 23 East				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:		KERR-McGEE OIL & GAS ONSHORE, LP				
Well Name:_		BONANZA 102	23-16J			
Api No:	43-047-37092	,	Lease Type:_	STATE		
Section 16	Township 108	Range 23E	_CountyUIN	ТАН		
Drilling Contr	actor	PETE MARTIN	RIG # B	BUCKET		
SPUDDE) :					
	Date	03/09/07	_			
,	Гіте	11:00 AM	_			
	How	DRY	_			
Drilling will	l Commence	e:				
Reported by_	•	LOU WELDON				
Telephone #_		(435) 828-7035				
Date 03/	/12/07	Signed	СНД			

FORM (

STATE OF UTAN
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
DIVISION OF OIL, GVO VIAR WILLIAM

	ENTITY ACTION FORM					
Operator:	KERR McGEE OIL & GAS ONSHORE LP	Operator Account Number: N 2995				
Address:	1368 SOUTH 1200 EAST	_				
Address.	city VERNAL zio 84078	Phone Number: (435) 781-7024				

/ell 1			100	Sec	Twp	Rng	County
API Number	Well	Name	QQ			 	UINTAH
4304737092	BONANZA 1023-16.		NWSE	16	10\$	23E	
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	Ent	ity Assignment
Λ	99999	15987		3/9/200	7		3/15/0/
Comments: MIRI	U PETE MARTIN BUC D WELL LOCATION C	KET DIG IN	5771 V 0 HRS.	Δ_			

Number Number	tive Date

County	Rng	Twp	Sec	QQ	Well Name		API Number	
ity Assignment Mective Date	Ent E	e	pud Dat	S	New Entity Number	Current Entity Number	Action Code	
	<u> </u>						mments:	
							mments:	

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity

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		Co. I Sugar
(6/2000)	Co./Dopt. UTDOAM	· KM/0
(0204-)	A LOVOIT	Phone (436) 781-7024
	Phone #600 534 6324	1'''' H36) 101 14T
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	ENT TOOL OF A ZALIA	Fax # (136) 74-7084

SHEILA UPCHEGO

SENIOR LAND SPECIALIST 3/12/2007 RECEÎVED Title

MAR 1 3 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL, GAS AND MINI	NG	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A			
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for proposals to d drill horizont	rill new wells, significantly deepen existing wells below current at laterals. Use APPLICATION FOR PERMIT TO DRILL form	t bottom-hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:			
TYPE OF WELL OIL WEI	L GAS WELL 🗸 OTHER		8. WELL NAME and NUMBER: BONANZA 1023-16J			
2. NAME OF OPERATOR:	AC ONCHORE LB		9. API NUMBER:			
KERR McGEE OIL & G. 3. ADDRESS OF OPERATOR:	AS ONSHORE LP	PHONE NUMBER:	4304737092 10. FIELD AND POOL, OR WILDCAT:			
	CITY VERNAL STATE UT ZIP 84	4078 (435) 781-7024	NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 203	D'FSL, 1875'FEL		COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHIP, F	RANGE, MERIDIAN: NWSE 16 10S 23E	=	STATE: UTAH			
11. CHECK AP	PROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPO	ORT, OR OTHER DATA			
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·	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE			
✓ SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL			
(Submit Original Form Only) Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF			
Date of work completion.	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER: WELL SPUD			
	. CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	N			
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W/28 SX READY MIX.	N ON 00/00/0007 AT 4400 UDO					
SPUD WELL LOCATIO	N ON 03/09/2007 AT 1100 HRS.					
NAME (PLEASE PRINT)	UPCHEGO	TITLE SENIOR LAND	ADMIN SPECIALIST			
SIGNATURE		DATE 3/12/2007				
This space for State use only)			DEOEN/ED			

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STATE OF UTAH

		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A	_				
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	DRESS OF OPERATOR:	10. FIELD AND POOL, OR WILDCAT:					
1368 SOUTH 1200 EAST VERNAL UT 28 84078 (435) 781-7024 NATURAL BUTTES							
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030'FSL, 1875'FEL COUNTY: UINTAH							
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 10S 23E STATE:							
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		CONVERT WELL TYPE				_	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. MIRU BILL MARTIN AIR RIG ON 03/12/2007. DRILLED 12 1/4" SURFACE HOLE TO 1930'. RAN 9 5/8" 32.3# H-40 SURFACE CSG. LEAD CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/1010 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE CMT TO SURFACE HOLE STAYED FULL. WORT							
	E (PLEASE PRINT) SHEILA U	JPÇHEGO	ті	SENIOR LAND	ADMIN SPECIALIST		
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NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- ➤ Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - · A copy of electric and radioactivity logs, if run
 - · A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - · A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Kerr-McGee Oil & Gas Onshore, LP Today's Date: 09/18/2007

Well:	API Number:	Drilling Commenced:
NBU 921-33P wcr	4304736396	03/07/2007
Bonanza 1023-16J drlg/wcr	4304737092	03/09/2007
Wissiup 36-187 wcr	4304737580	04/20/2007
State 1021-36K wcr	4304738849	04/25/2007
NBU 1021-21J wcr	4304737436	04/30/2007
NBU 1022-35J wcr	4304737180	05/01/2007
Bitter Creek 1122-2H wcr	4304736997	05/02/2007
NBU 921-33O wcr	4304736499	05/03/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File Compliance File Well Hatch 923-14G wcr NBU 922-32H-3T wcr API number 4304737028 4304738569

Drilling Commenced 05/06/2007 05/08/2007

STATE OF UTAH

DEPARTMENT DIVISION O	FOF NATURAL RESOURCES FOIL, GAS AND MINING	M	ABE DEBIGNATION AND SERIAL NUMBER: 22186-A
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KERR McGEE OIL & GAS ONSHORE	LP		04737092
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pin,		DIV	OF OIL, GAS & MINING
NAME (PLEASE PRINT) SHEILA UPCHEGO		SENIOR LAND ADM	MIN SPECIALIST
SIGNATURE / MANUAL /		9/27/2007	
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OF UTAH DIVISION OF OIL, GAS, AND MINING

(See Instructions on PATE: 10124 07

(5/2000)

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING SUNDRY NOTICES AND REPORTS ON WELLS Conducte that form for proposals dieth new wolls, sporthartly departs and service proposals. Conducte that form for proposals dieth new wolls, sporthartly departs on solding and service proposals. Type of well. OIL, WELL GAS WELL GAS ONSHORE LP 2 NAME OF OFFICIAL OIL & GAS ONSHORE LP 2 NAME OF OFFICATION CONTROLL OIL & GAS ONSHORE LP 2 NAME OF OFFICATION CONTROLL OIL & GAS ONSHORE LP 2 NAME OF OFFICATION CONTROLL OIL & GAS ONSHORE LP 2 NAME OF OFFICATION CONTROLL OIL & GAS ONSHORE LP 2 NAME OF OFFICATION CONTROLL OIL & GAS ONSHORE LP 2 NAME OF OFFICATION CONTROLL OIL & GAS ONSHORE LP 3 NAME OF OFFICATION CONTROLL OIL & GAS ONSHORE LP 4 NATURAL BUTTES 1 TYPE OF MINION CONTROLL OIL & GAS ONSHORE LP 3 NAME OF OFFICATION CONTROLL OIL & GAS ONSHORE LP 4 NATURAL BUTTES 1 TYPE OF MINION CONTROLL OIL & GAS ONSHORE LP 3 NAME OF OFFICATION CONTROLL OIL & GAS ONSHORE LP 4 NATURAL BUTTES 1 TYPE OF MINION CONTROLL OIL & GAS ONSHORE LP 1 TYPE OF MINION CONTROLL OIL & GAS ONSHORE LP 1 ON OIL & GAS ONSHORE OIL & GAS ONSHORE CONTROLL	STATE OF UTAH	2050	FORM 9
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11/26/2007			DIV. OF CIL, GAS & MINING
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STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING				5. LEASE DESIGNATION AND SERIAL NUMBER. ML-22186-A	
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1. TYPE OF WELL OIL WELL GAS WEL	L 🗸 OTHER				L NAME and NUMBER: NANZA 1023-16J
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP					NUMBER: 4737092
3. ADDRESS OF OPERATOR:			PHONE NUMBER:		LD AND POOL, OR WILDCAT:
1368 SOUTH 1200 EAST CITY VERNAL	STATE UT ZIP 84	1078	(435) 781-7024	NA	TURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030'FSL, 1875'FEL				COUNT	y: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWS	E 16 10S 23E	Ξ		STATE:	UTAH
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NAME (PLEASE PRINT) SHEILA UPCHEGO		TITLE	SENIOR LAND A	DMIN	SPECIALIST
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Utah Division of Oil, Gas and Mining

DRILLING OPERATIONS SUSPENDED

NOTICE TO OPERATORS:

Operator's responsibility is to provide a monthly status report for each well in"Drilling Operations Suspended" status in accordance with Rule R649-3-6.2.4, which states:

The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notices and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month. The report shall be submitted no later than the fifth day of the following calendar month until such time as the well is completed and the well completion report is filed.

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining and may result in the Division pursuing enforcement action as outlined in Rule R649-10. Administrative Procedures and Section 40-6-11 of the Utah Code.

As of this mailing of this notice, the division has not received the required reports for:

Operator: Kerr-McGee Oil & Gas Onshore, LP		Today's Date: 01/10/2008		
Well	API Number	Last Report Received		
NBU 490-30E T09S R21E Sec 30	4304733135	08/05/1998		
E Chapita 803-8 T09S R23E Sec 08	4304734076	10/30/2001		
Bonanza 1023-16J T10S R23E Sec 16	4304737092	03/21/2007		

To avoid compliance action, required reports should be mailed within 7 busines days to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P O Box 145801 Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc Well File Compliance File

FORM 9 STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING ML-22186-A 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL OIL WELL GAS WELL 🗸 OTHER **BONANZA 1023-16J** 2. NAME OF OPERATOR: 9. API NUMBER: 4304737092 KERR McGEE OIL & GAS ONSHORE LP PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: CITY VERNAL ₂₁₀ 84078 STATE UT NATURAL BUTTES 1368 SOUTH 1200 EAST (435) 781-7024 4 LOCATION OF WELL FOOTAGES AT SURFACE: 2030'FSL, 1875'FEL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 10S 23E STATE: ΙΙΤΔΗ CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION REPERFORATE CURRENT FORMATION ACIDIZE DEEPEN NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: NEW CONSTRUCTION TEMPORARILY ABANDON CASING REPAIR CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR VENT OR FLARE CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: OPERATIONS SUSPENDED CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUESTS AUTHORIZATION TO SUSPEND THE OPERATIONS. THE OPERATOR HAS SET SURFACE CSG TO 1930'. AT THIS TIME THE OPERATOR IS EVALUATING A PAD WELLS TO BE DRILLED DIRECTIONAL.

SHEIL V TIBCHECO	SENIOR LAND ADMIN SPECIALIST
NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE MULLIAN	DATE 1/14/2008

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A			
SUNDRY NOTICES AND REPORTS ON WELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:			
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2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP	9. API NUMBER: 4304737092			
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT 21P 84078 PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES			
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	FEB 2 5 2000 DIV. OF OIL, GAS & MINING			
NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND	ADMIN SPECIALIST			
SIGNATURE MILE AMMAN DATE 2/4/2008				

NOTICE OF LATE REPORTING DRILLING & COMPLETION INFORMATION

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- ➤ Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - · A copy of electric and radioactivity logs, if run
 - · A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - · A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has	not received the required i	eports for
Operator: Kerr-McGee Oil & Gas Onshore, LP	Today's Date	e:07/18/2008
Well: E Chapita 923-08M Bonanza 1023-16J 10s 23e 16	API Number: 4304734076 4304737092	Drilling Commenced: 10/24/2001 03/09/2007
List Attached		
To avoid compliance action, required reports sh	ould be mailed within 7 bu	siness days to:
Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210		
P.O. Box 145801		
Salt Lake City, Utah 84114-5801		
If you have questions or concerns regarding thi at _(801) 538-5260	s matter, please contact <u>R</u>	achel Medina

Well File Compliance File

cc:

STATE OF UTAH	FÖRM 9.
DEPARTMENT OF NATURAL RESO DIVISION OF OIL, GAS AND M	MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
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THE OPERATOR REQUESTS AUTHORIZATION TO SUSPEND THE OPERATIONS. THE OPERATOR HAS SET SURFACE CSG TO 1930'. AT THIS TIME THE OPERATOR IS EVALUATING A PAD WELLS TO BE DRILLED DIRECTIONAL.

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NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE	SENIOR LAND ADMIN SPECIALIST
NAME (PLEASE PRINT)		3/12/2008
SIGNATURE / MM/ / M/ MM/ C	DATE	

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL OIL WELL GAS WELL OTHER 2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP 3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST OITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-7024 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030'FSL, 1875'FEL	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT OF CA AGREEMENT NAME: 8. WELL NAME and NUMBER: BONANZA 1023-16J 9. API NUMBER: 4304737092 10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES COUNTY: UINTAH
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SHEILA UPCHEGO TITLE SENIOR LANI	O ADMIN SPECIALIST
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FORM 9

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING				ML-22	
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STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: BONANZA 1023-16J
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP	9. API NUMBER: 4304737092
	NUMBER: 10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030'FSL, 1875'FEL	COUNTY: UINTAH
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State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

October 1, 2008

CERTIFIED MAIL NO. 7004 2510 0004 1824 6466

Ms. Sheila Upchego Kerr McGee Oil & Gas Onshore LP 1368 South 1200 East Vernal, UT 84078 43 047 37092 Bonanza 1023-16J 105 23E 16

Re: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases

Dear Ms. Upchego,

As of July 2008, Kerr McGee Oil & Gas has twenty-eight (28) State and Mineral Lease Wells (see attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon showing of good cause by the operator (R649-3-36-1.3.3).

For extended SI/TA consideration the operator shall provide the Division with the following:

- 1. Reasons for SI/TA of the well (R649-3-36-1.1).
- 2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
- 3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).



Page 2 October 1, 2008 Ms. Upchego

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).

- 1. Wellbore diagram, and
- 2. Copy of recent casing pressure test, and
- 3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
- 4. Fluid level in the wellbore, and
- 5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet Petroleum Engineer

js Enclosure

cc: Jim Davis, SITLA Operator Compliance File Well File

ATTACHMENT A

	Well Name	API	Lease Type	Location	Years Inactive
1	CIGE 5	43-047-30335	STATE	NWSE Sec 31-09S-22E	1 Year 4 Months
2	CIGE 54D	43-047-30851	ML-22582	NENE Sec 35-09S-21E	2 Years 4 Months
3	CIGE 80D	43-047-30853	ML-22652	NWNW Sec 02-10S-21E	1 Year
4	CIGE 51D	43-047-30889	STATE	NENE Sec 31-09S-22E	1 Year 3 Months
5	NBU 54N	43-047-30890	ML-22649	NESW Sec 32-09S-22E	1 Year 3 Months
6	CIGE 92D	43-047-31162	STATE	SENW Sec 13-10S-20E	1 Year
7	NBU 213-36J	43-047-31268	ML-22650	NENE Sec 36-09S-22E	1 Year 1 Month
8	ARCHY BENCH STATE 1-2	43-047-31489	ML-22348-A	NENE Sec 02-11S-22E	1 Year 10 Months
9	CIGE 97D	43-047-31729	STATE	SESE Sec 31-09S-22E	1 Year 7 Months
10	NBU 157	43-047-32007	ML-22649	SESW Sec 32-09S-22E	1 Year 3 Months
11	NBU 343-36E	43-047-32205	ML-22650	SENW Sec 36-09S-22E	1 Year 7 Months
12	NBU 265	43-047-32796	ML-13826	NESE Sec 02-10S-21E	1 Year 2 Months
13	MORGAN STATE 12-36	43-047-32814	ML-22265	NESE Sec 36-09S-21E	1 Year
14	WONSITS STATE 1-32	43-047-32820	ML-47780	SWNE Sec 32-07S-22E	4 Years
15	NBU 333	43-047-33641	ML-23608	SWSW Sec 13-10S-21E	1 Year 6 Months
16	NBU 389	43-047-34229	ML-21329	NENE Sec 28-10S-21E	1 year 4 Months
17	STATE 921-32P	43-047-34422	ML-48758	SESE Sec 32-09S-21E	1 Year 5 Months
18	STATE 920-36P	43-047-34423	ML-48757	SESE Sec 36-09S-20E	2 years 9 Months
19	NBU 440	43-047-34785	STATE	SWNW Sec 34-09S-21E	1 Year 4 Months
20	NBU 442	43-047-34788	STATE	NWSW Sec 35-09S-21E	2 Years 8 Months
21	CIGE 284	43-047-34792	ML-23612	SWNW Sec 01-10S-21E	1 Year 2 Months
22	CIGE 285	43-047-34793	ML-22652	NENE Sec 02-10S-21E	1 Year 8 Months
23	STATE 920-36O	43-047-35788	ML-48757	SWSE Sec 36-09S-20E	1 Year 8 Months
24	NBU 1022-16G	43-047-35948	ML-3276	SWNE Sec 16-10S-22E	1 Year 2 Months
25	NBU 1022-16B	43-047-36158	ML-3276	NWNE Sec 16-10S-22E	1 Year 3 Months
26	NBU 921-34K	43-047-36389	STATE	NESW Sec 34-09S-21E	1 Year 2 Months
27	BONANZA 1023-16J	43-047-37092	ML-22186-A	NWSE Sec 16-10S-23E	1 Year 4 Months
28	NBU 921-34J	43-047-37953	STATE	NWSE Sec 34-09S-21E	1 Year

STATE OF UTAH

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DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
SUNDRY NOTICES AND REPORTS ON V	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom- drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such	hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8	BONANZA 1023-16J
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP		9. API NUMBER: 4304737092
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT 210 84078	PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030'FSL, 1875'FEL	(COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 10S 23E	5	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NAT	URE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
NOTICE OF INTENT	EPEN	REPERFORATE CURRENT FORMATION
	ACTURE TREAT	SIDETRACK TO REPAIR WELL
	W CONSTRUCTION	TEMPORARILY ABANDON
	ERATOR CHANGE	TUBING REPAIR
	JG AND ABANDON	VENT OR FLARE
(Submit Original Form Only)	JG BACK	WATER CILIT OF
Date of work completion:	DDUCTION (START/RESUME)	WATER SHUT-OFF
	CLAMATION OF WELL SITE COMPLETE - DIFFERENT FORMATION	OTHER: OPERATIONS SUSPENDED
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent de THE OPERATOR REQUESTS AUTHORIZATION TO SUSPEND	etails including dates, depths, volumes,	
SURFACE CSG TO 1930'. AT THIS TIME THE OPERATOR IS E		
DIRECTIONAL.		
NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND AD	MIN SPECIALIST
SIGNATURE MURE MICHAN	DATE 10/6/2008	

(This space for State use only)



Kerr McGee Oil and Gas Onshore LP 1368 South 1200 East • Vernal, UT 84078 435-789-4433 • Fax 435-781-7094

November 10, 2008

43 047 37092 Bonanza 1023-16 J 105 23E 16

Mr. Dustin K. Doucet Division of Oil, Gas and Mining

RE: Extended Shut-In and Temporarily Abandoned Wells

Greater Natural Buttes Area

Dear Mr. Doucet:

Our plan of action for wells cited in your October 1, 2008, letter regarding SI and TA wells is attached. We plan to plug, recomplete or workover every well on the list during the next six months. We will positively establish casing mechanical integrity at that time. In particular, the EPA has requested an expanded Area of Review for the UIC permits we have either received or are preparing. We have to have a plan for a large number of wells in the bottom tier of sections in Township 9S-21E. **These are shown in bold font.**

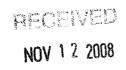
We have not enclosed all of the data requested in light of the fact that we plan to mobilize on these wells in the near future. If you still require that data, please let us know and we will commence gathering it.

Sincerely,

Ramey Hoopes

RECEIVED NOV 1 2 2008

. 1	CIGE 5	43-047-30335
2	CIGE 54D	43-047-30851
3	CIGE 80D	43-047-30853
4	CIGE 51D	43-047-30889
5	NBU 54N	43-047-30890
6	CIGE 92D	43-047-31162
7	NBU 213-36J	43-047-31268
8	ARCHY BENCH STATE 1-2	43-047-31489
9	CIGE 97D	43-047-31729
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14	WONSITS STATE 1-32	43-047-32820
15	NBU 333	43-047-33641
16	NBU 389	43-047-34229
17	STATE 921-32P	43-047-34422
18	STATE 920-36P	43-047-34423
19	NBU 440	43-047-34785
20	NBU 442	43-047-34788
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22	CIGE 285	43-047-34793
23	STATE 920-36O	43-047-35788
24	NBU 1022-16G	43-047-35948
25	NBU 1022-16B	43-047-36158
26	NBU 921-34K	43-047-36389
27	BONANZA 1023-16J	43-047-37092
28	NBU 921-34J	43-047-37953



DIV. OF OIL, GAS & MINING

CATEGORY 3 - STATE OR FEE SHUT IN WELL LIST

CAILGONI 3 - 31AIL OI	R FEE SHUT IN WELL LIST		
		POA	그 보는 사람들의 경향 중 전시에 가득하는 사람들이 되고 있다. 그를 가장 그를 가장 하는 것을 하는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 그리고 있는 것은 것이 없는 것이 되었다. 그는 것이 되었다. 그런 그를 가장 하는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다.
Well	Reason for SI/TA	Timing	Comments & Reasoning for POA
Archy Bench State 1-2	Wellbore integrity issues & poor production	Q2 2009	Refrac & recomplete potential exists in well. Work will be done to establish production.
Wonsits State 1-32	Not completed in best existing quality pay	Q1 2009	Recomplete potential exists in well. Work will be done ro establish production.
State 920-36P	High water producer with very little gas prodution	Q2 2009	Review of new drills within section & water shut off work needed to determine potential. Water shut off or P&A will be recommended.
State 920-360	High water producer with very little gas prodution	Q2 2009	Review of new drills within section & water shut off work needed to determine potential. Water shut off or P&A will be recommended.
NBU 1022-16G	High water producer with very little gas prodution	0	Should not be classified as SI as a WSO was performed & production was established in May of 2008. Current rates of 155 mcfd & 69 bwpd.
NBU 1022-16B	High water producer with very little gas prodution	0	Should not be classified as SI as a WSO was performed & production was established in May of 2008. Current rates of 155 mcfd & 69 bwpd.
NBU 213-36J			EOG operated well.
NBU 343-36E			EOG operated well.
BONANZA 1023-16J	Permits being prepared for additional wells		Surface casing set, preparing additional APD's to use location as a multi-well pad. This well will be drilled with the others.
CIGE 5	1.4 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
CIGE 80D	0.4 Bcf Tw Cum. Low gas production.	Q1 2009	Potential for Clean out and RTP.
CIGE 51D	1.0 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
NBU 54N	1.4 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
CIGE 92D	1.6 Bcf Tw Cum.	Q1 2009	Will review for bypassed pay. Prob depleted and can P&A.
CIGE 97D	0.4 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
NBU 157	0.5 Bcf Tw Cum. Twinned in 2007.	Q1 2009	Can P&A.
NBU 265	0.05 Bcf Tw. Refraced in 2007.	Q1 2009	High risk RC cand: 1.7 Bcf Offset. 88XG prob beter RC candidate. Therefore P&A.
NBU 333	0.09 Bcf W/TM. RC Candidate.	Q4 2008	Reviewed 11-06 by kfm (me). Time to RC.
NBU 389	0.07 Bcf Tw Cum. RC Candidate.	Q1 2009	2002 Vintage. Review for RC.
CIGE 54D	0.95 Bcf Tw Cum. SI in 2006.	Q4 2008	Will review for RC potential. Within EPA requested Area of Review.
MORGAN STATE 12-36	0.09 Bcf W/TM.	Q1 2009	Note comm w 41J, 2.7 Bcf well. Prob fraced into in 1997. High risk RC. P&A. Within EPA requested Area of Review.
STATE 921-32P	0.1 Bcf W/TM/MM. High water producer.	Q1 2009	Pkr below Mid Tw prod log, unsuccessful water shut off. Try pkr at Top of Kmv. Wihin EPA requested Area of Review.
NBU 440	0.01 Bcf W/TM/MM. High water producer.	Q1 2009	Attempt to set pkr at top of Kmv and produce.
CIGE 285	0.1 Bcf. W/TM/MM. High water producer.	Q1 2009	Attempt to set pkr at top of Kmv and produce.
NBU 442		Q42008	UIC permit application being prepared.
CIGE 284		Q1 2009	Within EPA requested Area of Review.
CIGE 285		Q1 2009	Within EPA requested Area of Review.
NBU 921-34K		Q1 2009	Mobilizing to convert well to injection.
NBU 921-34J		Q1 2009	Test Green River. UIC candidate. Within EPA requested Area of Review.



Lieutenant Governor

State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA

Division Director

December 23, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6633

Ms. Ramey Hoopes Kerr McGee Oil and Gas 1368 South 1200 East Vernal, UT 84078

43 047 37092 Bonanza 1023-16J 105 23E 16

SUBJECT:

Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

dated September 23, 2008

Dear Ms. Hoopes:

The Division of Oil, Gas and Mining (Division) is in receipt of your letter dated November 10, 2008 (received by the Division on November 12, 2008) in regards to the twentyeight (28) shut-in or temporarily abandoned (SI/TA) wells operated by Kerr McGee Oil and Gas (Kerr McGee). It is the Divisions understanding that Kerr McGee plans to plug, recomplete or workover every well on Attachment A during the next six months.

Based on the submitted information and plan to bring the listed wells out of noncompliance status within a six month period the Division grants extended SI/TA status for the wells listed on Attachment A until September 1, 2009, allowing adequate time to perform the proposed work.

If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281

Petroleum Engineer

DKD/JP/is Enclosure

ce: Jim Davis, SITLA Operator Compliance File Well File

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ATTACHMENT A

	Well Name	API	Lease Type	Location	Years Inactive
1	CIGE 5	43-047-30335	STATE	NWSE Sec 31-09S-22E	1 Year 4 Months
2	CIGE 54D	43-047-30851	ML-22582	NENE Sec 35-09S-21E	2 Years 4 Months
3	CIGE 80D	43-047-30853	ML-22652	NWNW Sec 02-10S-21E	1 Year
4	CIGE 51D	43-047-30889	STATE	NENE Sec 31-09S-22E	1 Year 3 Months
5	NBU 54N	43-047-30890	ML-22649	NESW Sec 32-09S-22E	1 Year 3 Months
6	CIGE 92D	43-047-31162	STATE	SENW Sec 13-10S-20E	1 Year
7	NBU 213-36J	43-047-31268	ML-22650	NENE Sec 36-09S-22E	1 Year 1 Month
8	ARCHY BENCH STATE 1-2	43-047-31489	ML-22348-A	NENE Sec 02-11S-22E	1 Year 10 Months
9	CIGE 97D	43-047-31729	STATE	SESE Sec 31-09S-22E	1 Year 7 Months
10	NBU 157	43-047-32007	ML-22649	SESW Sec 32-09S-22E	1 Year 3 Months
11	NBU 343-36E	43-047-32205	ML-22650	SENW Sec 36-09S-22E	1 Year 7 Months
12	NBU 265	43-047-32796	ML-13826	NESE Sec 02-10S-21E	1 Year 2 Months
13	MORGAN STATE 12-36	43-047-32814	ML-22265	NESE Sec 36-09S-21E	1 Year
14	WONSITS STATE 1-32	43-047-32820	ML-47780	SWNE Sec 32-07S-22E	4 Years
15	NBU 333	43-047-33641	ML-23608	SWSW Sec 13-10S-21E	1 Year 6 Months
16	NBU 389	43-047-34229	ML-21329	NENE Sec 28-10S-21E	1 year 4 Months
17	STATE 921-32P	43-047-34422	ML-48758	SESE Sec 32-09S-21E	1 Year 5 Months
18	STATE 920-36P	43-047-34423	ML-48757	SESE Sec 36-09S-20E	2 years 9 Months
19	NBU 440	43-047-34785	STATE	SWNW Sec 34-09S-21E	1 Year 4 Months
20	NBU 442	43-047-34788	STATE	NWSW Sec 35-09S-21E	2 Years 8 Months
21	CIGE 284	43-047-34792	ML-23612	SWNW Sec 01-10S-21E	1 Year 2 Months
22	CIGE 285	43-047-34793	ML-22652	NENE Sec 02-10S-21E	1 Year 8 Months
23	STATE 920-36O	43-047-35788	ML-48757	SWSE Sec 36-09S-20E	1 Year 8 Months
24	NBU 1022-16G	43-047-35948	ML-3276	SWNE Sec 16-10S-22E	1 Year 2 Months
25	NBU 1022-16B	43-047-36158	ML-3276	NWNE Sec 16-10S-22E	1 Year 3 Months
26	NBU 921-34K	43-047-36389	STATE	NESW Sec 34-09S-21E	1 Year 2 Months
27	BONANZA 1023-16J	43-047-37092	ML-22186-A	NWSE Sec 16-10S-23E	1 Year 4 Months
28	NBU 921-34J	43-047-37953	STATE	NWSE Sec 34-09S-21E	1 Year



State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA

Division Director

December 23, 2008 January 27, 2009 – re-mailed

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6633 (returned unclaimed) CERTIFIED MAIL NO.: 7004 2510 0004 1824 6695

Ms. Ramey Hoopes Kerr McGee Oil and Gas 1368 South 1200 East Vernal, UT 84078

43 047 37092 Bonanza 1023-162

SUBJECT: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated

September 23, 2008

Dear Ms. Hoopes:

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If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281

Petroleum Engineer

DKD/JP/js Enclosure cc: Jim Davis, SITLA Operator Compliance File Well File

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4	CIGE 51D	43-047-30889	STATE	NENE Sec 31-09S-22E	1 Year 3 Months
5	NBU 54N	43-047-30890	ML-22649	NESW Sec 32-09S-22E	1 Year 3 Months
6	CIGE 92D	43-047-31162	STATE	SENW Sec 13-10S-20E	1 Year
7	NBU 213-36J	43-047-31268	ML-22650	NENE Sec 36-09S-22E	1 Year 1 Month
8	ARCHY BENCH STATE 1-2	43-047-31489	ML-22348-A	NENE Sec 02-11S-22E	1 Year 10 Months
9	CIGE 97D	43-047-31729	STATE	SESE Sec 31-09S-22E	1 Year 7 Months
10	NBU 157	43-047-32007	ML-22649	SESW Sec 32-09S-22E	1 Year 3 Months
11	NBU 343-36E	43-047-32205	ML-22650	SENW Sec 36-09S-22E	1 Year 7 Months
12	NBU 265	43-047-32796	ML-13826	NESE Sec 02-10S-21E	1 Year 2 Months
13	MORGAN STATE 12-36	43-047-32814	ML-22265	NESE Sec 36-09S-21E	1 Year
14	WONSITS STATE 1-32	43-047-32820	ML-47780	SWNE Sec 32-07S-22E	4 Years
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16	NBU 389	43-047-34229	ML-21329	NENE Sec 28-10S-21E	1 year 4 Months
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27	BONANZA 1023-16J	43-047-37092	ML-22186-A	NWSE Sec 16-10S-23E	1 Year 4 Months
28	NBU 921-34J	43-047-37953	STATE	NWSE Sec 34-09S-21E	1 Year

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING					ESIGNATION AND SERIAL NUMBER:
SUNDRY	SUNDRY NOTICES AND REPORTS ON WELLS				
Do not use this form for proposals to drill ne	ew wells, significantly deepen existing wells below curreterals. Use APPLICATION FOR PERMIT TO DRILL for	ent bottom-hole dept orm for such proposal	h, reenter plugged wells, or to ls.	7. UNIT or	CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER _				AME and NUMBER: NZA 1023-16J
2. NAME OF OPERATOR:				9. API NUN 43047	
KERR McGEE OIL & GAS 3. ADDRESS OF OPERATOR:	ONSHORE LP		PHONE NUMBER:	10. FIELD	AND POOL, OR WILDCAT:
1368 SOUTH 1200 EAST	VERNAL STATE UT ZIP	84078	(435) 781-7024	NATU	RAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030'F	SL, 1875'FEL			COUNTY:	UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANG	ge, meridian: NWSE 16 10S 2	:3E		STATE:	UTAH
11. CHECK APPF	ROPRIATE BOXES TO INDICAT	E NATURE	OF NOTICE, REPO	RT, OR	OTHER DATA
TYPE OF SUBMISSION	~		YPE OF ACTION		
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN		لسما	EPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT		DETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONS	STRUCTION		EMPORARILY ABANDON
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	CHANGE TUBING	PLUG AND	ABANDON		ENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACH	K		ATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTI	ON (START/RESUME)		ATER SHUT-OFF
Date of Work Completion.	COMMINGLE PRODUCING FORMATIONS	<u></u> -	TION OF WELL SITE		THER: OPERATIONS
	CONVERT WELL TYPE	RECOMPLE	ETE - DIFFERENT FORMATION	_	SUSPENDED
THE OPERATOR REQUE	OMPLETED OPERATIONS. Clearly show all p ESTS AUTHORIZATION TO SUS '. AT THIS TIME THE OPERATO	SPEND THE	OPERATIONS. THI	E OPER	ATOR HAS SET BE DRILLED
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SHEILA U	JPCHEGO	/ TIT	REGULATORY	ANALYS	ST
NAME (PLEASE PRINT)	- 11 hadle	110	11/25/2008		

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

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-	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A			
SUNDRY	NOTICES AND REPORTS	ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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1. TYPE OF WELL OIL WELL				8. WELL NAME and NUMBER: BONANZA 1023-16J
2. NAME OF OPERATOR:	ONOUGHT LD			9. API NUMBER: 4304737092
KERR McGEE OIL & GAS 3. ADDRESS OF OPERATOR:			PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
	VERNAL STATE UT ZIP	84078	(435) 781-7024	NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030'F	FSL, 1875'FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN				STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICAT			RT, OR OTHER DATA
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Approximate date work will start:	CASING REPAIR		STRUCTION	TEMPORARILY ABANDON
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THE ODERATOR REOLI	OMPLETED OPERATIONS. Clearly show all p ESTS AUTHORIZATION TO SUS D', AT THIS TIME THE OPERATO	SPEND THE	OPERATIONS. TH	E OPERATOR HAS SET
•			v	
NAME (PLEASE PRINT) SHELLA	UPCHEGO,		TLE REGULATORY	ANALYST
SIGNATURE	ik mills) D	12/17/2008	
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RECEIVED MAR 0 9 2009

STATE OF UTAH	
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ACIDIZE . DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
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CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	SUSPENDED
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	nes, etc.
THE OPERATOR REQUESTS AUTHORIZATION TO SUSPEND THE OPERATIONS. TH SURFACE CSG TO 1930'. AT THIS TIME THE OPERATOR IS EVALUATING A PAD WEID DIRECTIONAL.	HE OPERATOR HAS SET LLS TO BE DRILLED
SHEILA UPCHEGO TITLE REGULATORY	ANALYST
NAME (PLEASE PRINT)	
1/15/2009	

4 1

(This space for State use only)

RECEIVED MAR 0 9 2009

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL 🗸 OTHER	8. WELL NAME and NUMBER: BONANZA 1023-16J
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP	9. API NUMBER: 4304737092
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030'FSL, 1875'FEL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 16 10S 23E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: CASING REPAIR CHANGE TO PREVIOUS PLANS DEEPEN FRACTURE TREAT NEW CONSTRUCTION OPERATOR CHANGE	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: CHANGE WELL NAME PLUG BACK CHANGE WELL STATUS PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	WATER DISPOSAL WATER SHUT-OFF OTHER: OPERATIONS SUSPENDED
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volun THE OPERATOR REQUESTS AUTHORIZATION TO SUSPEND THE OPERATIONS. TH SURFACE CSG TO 1930'. AT THIS TIME THE OPERATOR IS EVALUATING A PAD WEI DIRECTIONAL.	IE OPERATOR HAS SET
NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY	ANALYST
SIGNATURE // // // DATE // 2/19/2009	
(This space for State use only)	RECEIVED

(See Instructions on Reverse Side)

MAR 0 9 2009

STATE OF UTAH	FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
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4. LOCATION OF WELL	
FOOTAGES AT SURFACE: 2030'FSL, 1875'FEL	COUNTY: UINTAH
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NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: OPERATIONS
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	SUSPENDED
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	
THE OPERATOR REQUESTS AUTHORIZATION TO SUSPEND THE OPERATIONS. THE SURFACE CSG TO 1930'. AT THIS TIME THE OPERATOR IS EVALUATING A PAD WELD DIRECTIONAL.	

(This space for State use only)

NAME (PLEASE PRINT)

SIGNATURE

RECEIVED

REGULATORY ANALYST

3/4/2009

MAR 0 9 2009



Kerr-McGee Oil & Gas Onshore LP

1368 South 1200 East Vernal Utah 84078 Telephone: 435-781-7024 Fax: 720-929-3616

August 26, 2009

Dustin Doucet State of Utah 1594 West North Temple, Suite 1210, PO Box 145801 Salt Lake City, UT 84114

Moselle

43 047 37092 Bonanza 1023-16J 10S 23E 16

SUBJECT: Response to Letter Regarding Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated September 23, 2008

Dear Mr. Doucet:

Kerr McGee Oil and Gas (Kerr McGee) is responding to the Division of Oil, Gas and Mining's request to bring the listed wells out of non-compliance status by September 1, 2009. See Attachment A for the list of wells and our plan for each well. All wells will either be plugged, recompleted, converted to SWD monitor wells, or have been returned to production.

Kerr McGee will be providing sundry notices and procedures within 60 days from this notice. If you have any questions or need additional information in regards to the above please contact Paul Wages at (435) 781 - 7037.

Sincerely,

Sheila Wopsock Regulatory Analyst

Enclosure

AUG 3 1 2009

ATTACHMENT A

Well Name	API	Plan
CIGE 5	4304730335	P&A
CIGE 54D	4304730851	Already TA'd for SWD monitor well
CIGE 80D	4304730853	TA – Monitor Well
CIGE 51D	4304730889	P&A
NBU 54N	4304730890	P&A
CIGE 92D	4304731162	P&A
NBU 213-36J	4304731268	EOG Well
ARCHY BENCH STATE 1-2	4304731489	P&A
CIGE 97D	4304731729	P&A
NBU 157	4304732007	P&A
NBU 343-36E	4304732205	EOG Well
NBU 265	4304732796	P&A
MORGAN STATE 12-36	4304732814	P&A
WONSITS STATE 1-32	4304732820	P&A
NBU 333	4304733641	P&A
NBU 389	4304734229	P&A
STATE 921-32P	4304734422	TA for future SWD monitor well or
STATE 920-36P	4304734423	P&A
NBU 440	4304734785	TA – Monitor Well
NBU 442	4304734788	P&A
CIGE 284	4304734792	Has been returned to production
CIGE 285	4304734793	P&A
STATE 920-36O	4304735788	P&A
NBU 1022-16G	4304735948	Currently producing
NBU 1022-16B	4304736158	Currently producing
NBU 921-34K	4304736389	Already converted to SWD Well
BONANZA 1023-16J	4304737092	Has surface hole only, extend TA
T103 R23E 5-16		status to keep for future pad location
NBU 921-34J	4304737953	Extend TA status to evaluate for

RECEIVED AUG 3 1 2009

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINII	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
SUND	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-16J
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSI	HORE, L.P.		9. API NUMBER: 43047370920000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030 FSL 1875 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 16	P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
THE OPERATOR RECOPERATIONS. THE OF	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION UBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION OPERATOR HAS SET SURFACE CAN WELL LOCATION IS ON OUR DIDRILLED BY FOURTH QUARTER	JSPEND THE DRILLING SING TO 1930'. AT THIS RILL SCHEDULE TO BE 2010.	REQUEST DENIED Utah Division of Oil, Gas and Mining ate: November 16, 2009
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE Regulatory Analyst	
Andy Lytle SIGNATURE N/A	720 929-6100	DATE 11/12/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047370920000 See requirements of R649-3-36. Need showing of integrity.

REQUESTORENTED
Utah Division of
Oil, Gas and Mining

Date: November 76, 2009

By:

			FORM 9	
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES			
	DIVISION OF OIL, GAS, AND MINII	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A	
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TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
12/19/2009	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	√ TEMPORARY ABANDON	
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pertin	ent details including dates, depths, ve	olumes, etc.	
The Operator requests authorization to Temporarily Abandon and defer drilling operations on this well. Current status of this wellbore is: The 9 5/8" surface casing for this well was set and cemented in place on 3/14/2007 to a depth of 1930' feet. The casing was run with a float collar approximately 42'above the guide shoe. Cement was circulated down the casing with the wiper plug bumped with 500 psi over circulating pressure. Cement was circulated to surface up the backside and topped off with cement down the backside to ensure complete fill up of the annulus to surface. The well has been installed on the well, the cellar rings and pits have been backfilled. This well is on the drill schedule to be drilled by the end of the year 2010.				
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst		
SIGNATURE N/A		DATE 12/17/2009		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047370920000

Periodic monitoring of well should take place to ensure continued integrity and security. Approval granted through 12/31/2010.

Approved by the Utah Division of Oil, Gas and Mining

Date: Dedember 17, 2009

Bv:

Sundry Number: 14364 API Well Number: 43047370920000

	STATE OF UTAH		FORM 9	
	DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A	
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
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1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-16J	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047370920000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	PH treet, Suite 600, Denver, CO, 80217 377	ONE NUMBER: 9 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
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QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 16	P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian	: S	STATE: UTAH	
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TYPE OF SUBMISSION		TYPE OF ACTION		
_	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR	
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME	
4/12/2011	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE	
SUBSEQUENT REPORT	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK	
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON	
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL	
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has a temporarily abandoned status. The operator request to extend this status for the maximum time allowable. Attached is the description and actual integrity test results. This well location will be apart of the future expansion of this Bonanza 1023-16J pad. Approved by the Utah Division of Oil, Gas and Mining Date: 04/19/2011 By:				
NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	R TITLE Regulatory Analyst II		
SIGNATURE N/A		DATE 4/12/2011		

Sundry Number: 14364 API Well Number: 43047370920000



The Utah Division of Oil, Gas, and Mining

- State of UtahDepartment of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047370920000

Periodic monitoring of well should take place to ensure continued integrity and security. Approval granted through 12/31/2011.

Sundry Number: 14364 API Well Number: 43047370920000

B&C QuickTest Inc.

2460 north 500 east

Vernal, Utah 84078

(435) 789-8159

Dear Customer:

As requested in relation to the Barton Charts we run for pressure testing.

The clocks settings in our trucks are the biggest factor in knowing what the grid lines represent, the clocks have several settings, 60 minutes for a full revolution, 96 minutes for a full revolution, 12 hour, 1 day, 2 day, 7 day, 8 day, and so on, all for a full revolution of a chart. We run our clocks on 96 minutes for simplicity of reading the charts. The charts are 24 hour charts, if you take 24 hours divided by ¼ hour increments there will be 96 quarter hour increments on the charts, if you was to run the clock on 1 day. If you run the clock on 96 minutes there will be 1 mark per minute, therefore each mark represents one minute of test time.

Thank You;

Stacy Scott, Testing Manager, Dispatcher

B&C Quicktest

If you have any Questions please feel to give me a call:

(435) 828-4991 cell

(435) 789-8159





Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 14, 2011

CERTIFIED MAIL NO.: 7005 1820 0001 5562 9054

Ms. Julie Jacobson Kerr McGee Oil and Gas 1099 18th St, Ste 1800 Denver CO 80202 43 047 37092 Bonanza 1023-16J 105 23E 16

Subject: **SECOND NOTICE:** Extended Shut-in and Temporarily Abandoned Well Requirements

for Wells on Fee or State Leases

Dear Ms. Jacobson:

As of January 2011, Kerr McGee Oil and Gas (Kerr McGee) has one (1) Fee Lease Well and sixteen (16) State Lease Wells (see Attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months requires the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining (Division) approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

This is the **SECOND NOTICE** of non-compliance that Kerr McGee has received for wells listed as such on Attachment A. In March and April 2009 via certified mail the first notices were sent requesting required information to bring wells into compliance. Kerr McGee sent response dated April 7, 2009, which listed future plans for the wells. The Division sent Kerr McGee a "request denied" (in regard to SI/TA extension status) dated April 28, 2009. This denial was sent due to lack of addressing the requirements per Rule R649-3-36. Second notices were sent via certified mail in July 2009. Additional correspondence from Kerr McGee was received and four (4) of the aforementioned wells (Attachment A) had been granted SI/TA extensions which have since expired. To date the Division has not received additional information nor seen any progress being made to move the wells out of non-compliance status.

This is also a **reissuance of a FIRST NOTICE** for wells listed as such on Attachment A as they previously had notices sent on October 1, 2008. It is also a First Notice for wells that have recently been added to Kerr McGee's non compliance list. Please submit the required information for extended SI/TA status within 30 days of this notice or further actions will be initiated.

Page 2 Kerr McGee Oil and Gas April 14, 2011

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

- 1. Reasons for SI/TA of the well (R649-3-36-1.1).
- 2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
- 3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).

- 1. Wellbore diagram, and
- 2. Copy of recent casing pressure test, and
- 3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
- 4. Fluid level in the wellbore, and
- 5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet Petroleum Engineer

DKD/JP/js Enclosure

cc: Compliance File

Well File

LaVonne Garrison, SITLA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	SI/TA Extension Expired On
		Reiss	sued 2 ND NOTICE		
1	LOVE 1121-16F	43-047-36253	ML-46532	3 Years 2 Months	
2	NBU 1021-1G	43-047-39001	ML-23612	3 Years 2 Months	12/31/2010
3	NBU 1022-13I4S	43-047-39475	STUO-08512-ST	3 Years 2 Months	12/13/2010
4	NBU 3-2B	43-047-30267	ML-22651	3 Years 5 Months	
		Reiss	sued 1 ST NOTICE		
5	BONANZA 1023-16J	43-047-37092	ML-22186-A	3 Years 10 Months	12/31/2010
6	NBU 921-34J	43-047-37953	STATE	3 Years 6 Months	9/01/2009
L			1 ST NOTICE		
7	HALL ET AL 31 18	43-047-30664	FEE	2 Years 5 Months	
8	STATE 921-27L	43-047-32466	U-01194AST	2 Years 2 Months	
9	NBU 1022-16O	43-047-35945	ML-3276	2 Years 2 Months	
10	NBU 1022-16E	43-047-35949	ML-3276	1 Year 1 Month	
11	LOOKOUT POINT STATE 1-16	43-047-30544	ML-22186-A	1 Year 9 Months	
12	CIGE 79D	43-047-30896	ML-23612	1 Year 1 Month	
13	CIGE 240	43-047-33207	ML-22935	1 Year 9 Months	
14	OURAY 32-146	43-047-33623	ML-22052	1 Year 9 Months	
15	NBU 921-34L	43-047-36388	STUO-1194-AST	1 Year 9 Months	
16	NBU 921-33J	43-047-36394	STUO-015630-ST	1 Year 11 Months	
17	NBU 438-19E	43-047-37534	ML-22792	1 Year	

Sundry Number: 16257 API Well Number: 43047370920000

			FORM 9
	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030 FSL 1875 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 16	P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian:	S	STATE: UTAH
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	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
✓ SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
6/29/2011	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
Report Bute.	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Well Status
12 DESCRIPE PROPOSED OF CO			,
	MPLETED OPERATIONS. Clearly show all per y has occured on this well for temporarily abandoned	this month. This well is sti	
	temporarily abandoned	·	Accepted by the
		ι	Jtah Division of
			l, Gas and Mining
		FOR	R RECORD ONLY
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst	
SIGNATURE N/A		DATE 6/29/2011	



May 12, 2011

Dustin K. Doucet
Petroleum Engineer
Division of Natural Resources, Division of Oil, Gas and Mining
State of Utah
PO Box 145801
Salt Lake City UT 84114-5801

Dear Mr. Doucet:

Dushr

We are in receipt of your letter dated April 14, 2011, regarding the shut-in and temporarily abandoned status of 17 wells operated by Kerr McGee Oil and Gas.

The attached list explains the status of each well referenced in your April 14, 2011, letter.

Please do not hesitate to contact me if you have any questions or concerns. I can be reached at 720-929-6515.

Sincerely,

Julie A. Jacobson

Regulatory Affairs Supervisor

Attachment

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

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DIV. OF OIL, GAS & MINING

	Anadarko Response to UDOC	GM Letter of April	14, 2011		RECEIVED
	Well Name	API	Lease	Status / Comment	U §
	Love 1121-16F	43-047-36253	ML-46532	P&A procedure will be submitted by June 3, 2011.	C
	NBU 1021-1G	43-047-39001	ML-23612	Sundry approved on 5/3/2011 to convert to Birds Nest Monitor well.	14 · 4 · 5 · 2.5
-	*NBU 1022-13I4S	43-047-39475	STUO-08512-ST	P&A sundry approved 4/19/2011; will be plugged in summer.	
	NBU 3-2B	43-047-30267	ML-22651	P&A procedure will be submitted by June 3, 2011.	
	Bonanza 1023-16J	43-047-37092	ML-22186-A	TA approved by State on 4/19/2011. EXT to 12/31/2011	
	NBU 921-34J	43-047-37953	State	Sundry to convert to a Birds Nest monitoring well will be submitted by June 3, 2011.	
`	Hall ET AL 31 18	43-047-30664	Fee	Will return to production - maintenance work will be completed by July 1, 2011.	
•	State 921-27L	43-047-32466	U-01194AST	Recomplete approved on 4/27/2011.	
	NBU 1022-16O	43-047-35945	ML-3276	P&A procedure will be submitted by June 3, 2011. PA'd	
	NBU 1022-16E	43-047-35949	ML-3276	P&A procedure will be submitted by June 3, 2011. PA'd P&A procedure will be submitted by June 3, 2011.	
	Lookout Point State 1-16	43-047-30544	ML-22186-A	Replaced faulty surface equipment and returned to production. Recomplete procedure will be sult by June 3, 2011; will complete recompletion operations within 30 days after receipt of an approve permit.	
	CIGE 79D	43-047-30896	ML-23612	Converted to SWD well; UDOGM approval on May 18, 2010.	
-	CIGE 240	43-047-33207	ML-22935	Recomplete sundry approved on 4/28/2011; work will be completed with 922-29F pad .	
٠,-	Ouray 32-146	43-047-33623	ML-22052	Will be returned to production - workover will be performed by July 1, 2011.	
	NBU 921-34L	43-047-36388	STUO-1194-AST	P&A procedure will be submitted by June 3, 2011. 6/6/2011 going to Conver Recomplete to the Green River sundry will be submitted by June 3, 2011.	t to
***	NBU 921-33J	43-047-36394	STUO-015630-ST	Recomplete to the Green River sundry will be submitted by June 3, 2011.	₹ (1
	NBU 438-19E	43-047-37534	ML-22792	P&A procedure will be submitted by June 3, 2011 (recent attempts to return production have faile	ed). 🗸

For Record Only Oil, Gas and Mining Accepted by the Utah Division of



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 26, 2012

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1731

Ms. Julie Jacobson Kerr McGee Oil and Gas 1099 18th Street, Suite 1800 Denver, CO 80202 43 047 37092 Bonanza 1023-165 108 23E 16

Subject: SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for

Wells on Fee or State Leases

Dear Ms. Jacobson:

As of January 2012, Kerr McGee Oil and Gas (Kerr McGee) has sixteen (16) State Lease Wells (see Attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months requires the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining (Division) approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

This a **THIRD NOTICE** of non-compliance for NBU 1022-1314S which had a re-issued second notice on April 14, 2011. Later an approval to PA on April 19, 2011 was signed by the Division.

This is the **SECOND NOTICE** of non-compliance that Kerr McGee has received for wells listed as such on Attachment A. These wells received a first notice on April 14, 2011. Additional correspondence from Kerr McGee was received in May and June. Three (3) of the aforementioned wells (Attachment A) had previously been granted SI/TA extensions which have since expired.

This is also **FIRST NOTICE** for wells that have recently been added to Kerr McGee's non compliance list. Please submit the required information for extended SI/TA status within 30 days of this notice or further actions will be initiated.

Page 2 Kerr McGee Oil and Gas January 26, 2012

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

- 1. Reasons for SI/TA of the well (R649-3-36-1.1).
- 2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
- 3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).

- 1. Wellbore diagram, and
- 2. Copy of recent casing pressure test, and
- 3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
- 4. Fluid level in the wellbore, and
- 5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely.

Dustin K. Doucet

Petroleum Engineer

DKD/JP/js Enclosure

cc: Compliance File

Well File

LaVonne Garrison, SITLA

ATTACHMENT A

Well Name	API	LEASE	Years Inactive	SI/TA Extension Expired On
		3 RD NOTICE		
1 NBU 1022-13I4S	43-047-39475	STUO-08512-ST	4 Years 2 Months	12/31/2010
		2 ND NOTICE	·	
2 BONANZA 1023-16J	43-047-37092	ML-22186-A	4 Years 10 Months	12/31/2011
3 NBU 921-34J	43-047-37953	STATE	4 Years 6 Months	9/01/2009
4 NBU 921-34L	43-047-36388	STUO-1194-A	2 Years 9 Months	
5 NBU 921-33J	43-047-36394	STOU-015630	2 Years 11 Months	
		1 ST NOTICE		
6 UTE TRAIL U 88X2G	43-047-15389	ML-3352	1 Year 6 Months	
7 CIGE 3-32-9-22	43-047-30320	ML-22649	1 Year 8 Months	
8 NBU 31-12B	43-047-30385	ML-01197-A	1 Year 10 Months	
9 CIGE 51D	43-047-30889	U-01530-ST	1 Year 6 Months	
10 NBU 69N2	43-047-31090	U-01194-ST	1 Year	
11 NBU 97	43-047-31744	U-01189-ST	1 Year 1 Month	,
12 BONANAZA 1023-2I	43-047-35663	ML-47062	1 Year 5 Months	
13 NBU 921-25D	43-047-36700	UO-01189-ST	1 Year 2 Months	
14 NBU 565-30E	43-047-37533	ML-22793	1 Year 11 Months	
15 STATE 1021-36D	43-047-38845	ML-47060	1 Year 5 Months	
16 NBU 661-24E	43-047-50011	ML-22790	1 Year 8 Months	



February 23, 2012

Dustin K. Doucet
Petroleum Engineer
Division of Natural Resources, Division of Oil, Gas and Mining
State of Utah
PO Box 145801
Salt Lake City UT 84114-5801

Dear Mr. Doucet:

We are in receipt of your letters dated January 26, 2012, regarding the shut-in and temporarily abandoned status of wells operated by Kerr McGee Oil and Gas.

The attached list explains the status of each well referenced in your January 26, 2012, letters.

Please do not hesitate to contact me if you have any questions or concerns. I can be reached at 720-929-6515.

Sincerely

Julie A. Jacobson

Regulatory Affairs Supervisor

Attachment

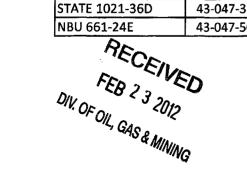
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DIV. OF OIL, GAS & MINING

UDOGM LETTER(S)

WELL	API	Lease	Comment
UTAH 10-415	43-015-30391	ML-48189	P&A procedure planned to be submitted
			P&A procedure approved in June 2011; work completed by April
NBU 1022-1314S	43-047-39475	STUO-08512-ST	11, 2012
Bonanza 1023-16J	43-047-37092	ML-22186-A	TA approved on 4/19/2011; considering use of wellbore
			June 2011 approved to convert to Birds Nest; convert by July 1,
NBU 921-34J	43-047-37953	STATE	2012
			June 2011 approved to convert to Birds Nest; convert by July 1,
NBU 921-34L	43-047-36388	STUO-1194-A	2012
NBY 921-33J	43-047-36394	STUO-015630	Recompleted approved June 2011; on schedule
		ML-3352	
UTE Trail U88X2G	43-047-15389	(ML13826??)	Decision on well by May 1, 2012
			Waiting for ground from recent activities to settle and then will
CIGE 3-32-9-22	43-047-30320	ML-22649	put well back on production
NBU 31-12B	43-047-30385	ML-01197	Return to production by 5/1/2012
CIGE 51D	43-047-30889	U-01530-ST	P&A procedure approved; will plug this year
NBU 69N2	43-047-31090	U-01194-ST	Under review
NBU 97	43-047-31744	U-01189-ST	TA'd due to pressure monitor; pad completion aroun 9/1/2012
BONANZA 1023-2I	43-047-35663	ML-47062	work over scheduled 6/1/2012
			TA'd due to pressure monitor; expected to drill out around
NBU 921-25D	43-047-36700	UO-001189	9/1/2012
NBU_565-30E	43-047-37533	ML-22793	P&A producer approved; work will be completed 7/18/2012
STATE 1021-36D	43-047-38845	ML-47060	producing (as of 12/28/2011)
NBU 661-24E	43-047-50011	ML-22790	producing (as of 12/28/2011)



SIAILOLOIAH	
DEPARTMENT OF NATURAL RESOURCES	s
DIVISION OF OIL, GAS AND MININ	G

			ENTITY ACTION	FORM	·		** ***********************************			
)naratar:	KERR	McGEE OIL & GAS ON	ISHORE LP					2005		
Operator:		ox 173779	TOTIONE EI	Оре	erator Ac	count Nu	ımber: _	N 2995		
\ddress:	-			-						
	city DE			-						
	state C	0	_{zip} 80217	_	P	hone Nu	mber:	(720) 929-6029		
W				_						
Weil 1 API Nu	mber	NA/AJI	Name	1 66		T =	<u> </u>			
See A		1		QQ	Sec	Twp	Rng	County		
		See Atchm	r		<u> </u>					
Action	Code	Current Entity Number	New Entity Number	S	pud Da	te		tity Assignment Effective Date		
		99999	12519				<u> </u>	1112012		
Commen	ts: Diagr	o ooo otteebee all all all		<u>.</u>			<u> </u>	1115015		
i - ve no		e see attachment with	list of Wells in the Pon	derosa Uı	nit.		513	30 12012		
WSM	1/177							30 10010		
Weii 2		·								
API Nu	mber	Well	Name	QQ	Sec	Twp	Rng	County		
Action	Code	Current Entity	New Entity	s	pud Dat	l	Fnt	tity Assignment		
		Number	Number]	,			fective Date		

Comment	ts:									
				·						
Well 3										
API Nu	mber	Well	Name	QQ	Sec	Twp	Rng	County		
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Action	Code	Current Entity	New Entity	-	pud Dat	·^	F"4	L		
		Number	Number	"	puu Dai	. C		ity Assignment Effective Date		
				 						
Comment										
	•									
TION CODE										
A - Estat	olish new e	ntity for new well (single v	well only)	Ca	ra Mahle	r				
B - Add :	new well to	existing entity (group or a	unit well)	Nam	e (Please	Print)				
C - Re-a:	ssign well t ssign well t	rom one existing entity to	another existing entity							
E - Other	r (Explain i	rom one existing entity to n 'comments' section)	RECEIVED		ature GULATO	DV ANA	I VOT	E/04/0040		
	, ,			Title		- AINA	LIJI	5/21/2012		
			MAV a 4 2042	11110				Date		

(5/2000)

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well name	sec	twp	rng	api	entity	le	ease	well	stat	qtr_qtr	bhl	surf zone	a_stat	I_num	op_no
SOUTHMAN CANYON 31-3	31	090S	230E	4304734726	13717		1	GW	Р	SENW		1 WSMVD	P	U-33433	N2995
SOUTHMAN CANYON 31-4	31	090S	230E	4304734727	13742			GW	S	SESW		1 WSMVD	S	UTU-33433	N2995
SOUTHMAN CYN 31-2X (RIG SKID)	31	0908	230E	4304734898	13755		1	GW	Р	NWNW		1 WSMVD	Р	U-33433	N2995
SOUTHMAN CYN 923-31J	31	090S	230E	4304735149				GW	Р	NWSE		1 MVRD	Р	U-33433	N2995
SOUTHMAN CYN 923-31B	31	0908	230E	4304735150				GW	Р	NWNE		1 MVRD	Р	U-33433	N2995
SOUTHMAN CYN 923-31P	31	0908	230E	4304735288	14037			GW	Р	SESE		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31H	31	090S	230E	4304735336	14157			GW	Р	SENE		1 WSMVD	Р	U-33433	N2995
SOUTHMAN CYN 923-310	31	090S	230E	4304737205			1	GW	Р	SWSE		1 MVRD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31K	31	090S	230E	4304737206	16503		1	GW	Р	NESW		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31G	31	090S	230E	4304737208	16313		1	GW	Р	SWNE		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31E	31	0908	230E	4304737209	16521		1	GW	Р	SWNW		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31A	31	090S	230E	4304737210	16472		1	GW	Р	NENE		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31C	31	090S	230E	4304737227	16522		1	GW	Р	NENW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-1G	01	100S	230E	4304735512	14458		1	GW	Р	SWNE		1 WSMVD	Р	U-40736	N2995
BONANZA 1023-1A	01	100S	230E	4304735717	14526		1	GW	Р	NENE		1 WSMVD	Р	U-40736	N2995
BONANZA 1023-1E	01	100S	230E	4304735745	14524		1	GW	Р	SWNW		1 WSMVD	Р	U-40736	N2995
BONANZA 1023-1C	01	100S	230E	4304735754	14684		1	GW	Р	NENW		1 MVRD	Р	U-40736	N2995
BONANZA 1023-1K	01	100S	230E	4304735755	15403		1	GW	Р	NESW		1 MVRD	Р	U-38423	N2995
BONANZA 1023-1F	01	100S	230E	4304737379	16872		1	GW	Р	SENW		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1B	01	100S	230E	4304737380	16733		1	GW	Р	NWNE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1D	01	100S	230E	4304737381	16873		1	GW	Р	NWNW		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1H	01	100S	230E	4304737430	16901		1	GW	Р	SENE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1L	01	100S	230E	4304738300	16735		1	GW	Р	NWSW		1 MVRD	Р	UTU-38423	N2995
BONANZA 1023-1J	01	100S	230E	4304738302	16871		1	GW	Р	NWSE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1I	01	100S	230E	4304738810	16750		1	GW	Р	NESE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-2E	02	100S	230E	4304735345	14085		3	GW	Р	SWNW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2C	02	100S	230E	4304735346	14084		3	GW	Р	NENW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2A	02	100S	230E	4304735347	14068		3	GW	Р	NENE		3 MVRD	Р	ML-47062	N2995
BONANZA 1023-2G	02	100S	230E	4304735661	14291		3 (GW	Р	SWNE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-20	02	100S	230E	4304735662	14289		3 (GW	Р	SWSE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2I	02	100S	230E	4304735663	14290		3 (GW	S	NESE		3 WSMVD	S	ML-47062	N2995
BONANZA 1023-2MX	02	100S	230E	4304736092	14730		3 (GW	Р	swsw		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2H	02	100S	230E	4304737093	16004		3 (GW	Р	SENE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2D	02	100S	230E	4304737094	15460		3 (GW	Р	NWNW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2B	02	100S	230E	4304737095	15783		3 (GW	Р	NWNE		3 MVRD	Р	ML-47062	N2995
BONANZA 1023-2P	02	100S	230E	4304737223	15970		3 (GW	Р	SESE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2N	02	100S	230E	4304737224	15887		3 (GW	Р	SESW		3 MVRD	Р	ML-47062	N2995
BONANZA 1023-2L	02		230E	4304737225	15833			ЭW	Р	NWSW		3 WSMVD		ML-47062	N2995
BONANZA 1023-2F	02		230E	4304737226	15386				Р	SENW		3 WSMVD	+	ML-47062	N2995
BONANZA 1023-2D-4	02		230E	4304738761	16033				Р	NWNW	-	3 WSMVD		ML-47062	N2995
BONANZA 1023-20-1	02	100S	230E	4304738762	16013				Р	SWSE		3 WSMVD	+	ML-47062	N2995
BONANZA 1023-2H3CS	02		230E	4304750344	17426				Р	1	D	3 MVRD		ML 47062	N2995
BONANZA 1023-2G3BS	02	100S	230E	4304750345	17428				Р		D	3 MVRD	·i	ML 47062	N2995
BONANZA 1023-2G2CS	02		230E	4304750346	17429				Р		D	3 MVRD		ML 47062	N2995
BONANZA 1023-2G1BS	02		230E	4304750347	17427				Р	 	D	3 MVRD		ML 47062	N2995

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BONANZA 1023-2M1S	02	100S	230E	4304750379	17443	3 GW	Р	SENW	D	3 MVRD	P	ML 47062	N2995
BONANZA 1023-2L2S	02	100S	230E	4304750380	17444	3 GW	Р	SENW	D	3 MVRD	Р	ML 47062	N2995
BONANZA 1023-2K4S	02	100S	230E	4304750381	17446	3 GW	Р	SENW	D	3 MVRD	Р	ML 47062	N2995
BONANZA 1023-2K1S	02	100S	230E	4304750382	17445	3 GW	Р	SENW	D	3 WSMVD	Р	ML 47062	N2995
BONANZA 4-6 🚁	04	100S	230E	4304734751	13841	1 GW	Р	NESW	İ	1 MNCS	Р	UTU-33433	N2995
BONANZA 1023-4A	04	100S	230E	4304735360	14261	1 GW	Р	NENE		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-4E	04	100S	230E	4304735392	14155	1 GW	P	SWNW		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-4C	04	100S	230E	4304735437	14252	1 GW	Р	NENW		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-4M	04	100S	230E	4304735629	14930	1 GW	Р	SWSW		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-40	04	100S	230E	4304735688	15111	1 GW	P	SWSE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4I	04	100S	230E	4304735689	14446	1 GW	Р	NESE		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-4G	04	100S	230E	4304735746	14445	1 GW	Р	SWNE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4D	04	100S	230E	4304737315	16352	1 GW	Р	NWNW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4H	04	100S	230E	4304737317	16318	1 GW	Р	SENE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4B	04	100S	230E	4304737328	16351	1 GW	Р	NWNE		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-4L	04	100S	230E	4304738211	16393	1 GW	Р	NWSW		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-4P	04	100S	230E	4304738212	16442	1 GW	Р	SESE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4N	04	100S	230E	4304738303	16395	1 GW	Р	SESW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4FX (RIGSKID)	04	100S	230E	4304739918	16356	1 GW	Р	SENW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-50	05	100S	230E	4304735438	14297	1 GW	Р	SWSE		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-5AX (RIGSKID)	05	100S	230E	4304735809	14243	1 GW	Р	NENE		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-5C	05	100S	230E	4304736176	14729	1 GW	Р	NENW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5G	05	100S	230E	4304736177	14700	1 GW	Р	SWNE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5M	05	100S	230E	4304736178	14699	1 GW	Р	SWSW		1 WSMVD	Р	UTU-73450	N2995
BONANZA 1023-5K	05	100S	230E	4304736741	15922	1 GW	Р	NESW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5B	05	100S	230E	4304737318	16904	1 GW	Р	NWNE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5E	05	100S	230E	4304737319	16824	1 GW	Р	SWNW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5H	05	100S	230E	4304737320	16793	1 GW	Р	SENE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5N	05	100S	230E	4304737321	16732	1 GW	Р	SESW	-	1 WSMVD	Р	UTU-73450	N2995
BONANZA 1023-5L	05	100S	230E	4304737322	16825	1 GW	Р	NWSW		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-5J	05	100S	230E	4304737428	17055	1 GW	Р	NWSE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5P	05	100S	230E	4304738213	16795	1 GW	Р	SESE		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-5N-1	05	100S	230E	4304738911	17060	1 GW	Р	SESW		1 WSMVD	Р	UTU-73450	N2995
BONANZA 1023-5PS	05	100S	230E	4304750169	17323	1 GW	Р	NESE	D	1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5G2AS	05	100S	230E	4304750486	17459	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5G2CS	05	100S	230E	4304750487	17462	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5G3BS	05	100S	230E	4304750488	17461	1 GW	Р	SWNE	D	1 MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3CS	05	100S	230E	4304750489	17460	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5N4AS	05	100S	230E	4304752080	18484	1 GW	DRL	SWSW	D	1 WSMVD	DRL	UTU73450	N2995
BONANZA 1023-8C2DS	05	100S	230E	4304752081	18507	1 GW	DRL	swsw	D	1 WSMVD	DRL	UTU37355	N2995
BONANZA 6-2	06	100S	230E	4304734843	13796	1 GW	TA	NESW		1 WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6C	06	100S	230E	4304735153	13951	1 GW	Р	NENW		1 MVRD	Р	U-38419	N2995
BONANZA 1023-6E	06	100S	230E	4304735358	14170	1 GW	Р	SWNW		1 MVRD	Р	U-38419	N2995
BONANZA 1023-6M	06	100S	230E	4304735359	14233	1 GW	Р	SWSW		1 WSMVD	Р	U-38419	N2995
BONANZA 1023-6G	06	100S	230E	4304735439	14221	1 GW	Р	SWNE		1 WSMVD	Р	UTU-38419	N2995
BONANZA 1023-60	06	100S	230E	4304735630	14425	1 GW	TA	SWSE		1 WSMVD	TA	U-38419	N2995

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DOMANZA 1002 GA	06	1000	220⊏	4204726067	14775	4	C\\\	Р	NENE	1	1 WSMVD	Р	11 22422	N2995
BONANZA 1023-6A	06	1008	230E	4304736067	14775		GW	P	NENE SESW		1 WSMVD	P	U-33433 UTU-38419	N2995 N2995
BONANZA 1023-6N	06	1008	230E	4304737211 4304737212	15672 15673	- 	GW	P	NWSW		1 WSMVD	P	UTU-38419	N2995 N2995
BONANZA 1023-6L	06	1008	230E		15620		GW	P	NWSE	1	1 WSMVD	P	UTU-38419	N2995 N2995
BONANZA 1023-6J	06	1008	230E	4304737213			<u> </u>			-				
BONANZA 1023-6F	06	1008	230E	4304737214	15576		GW	TA	SENW	1	1 WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6P	06	1008	230E	4304737323	16794		GW	P	SESE	-	1 WSMVD	Р	UTU-38419	N2995
BONANZA 1023-6H	06	100\$	230E	4304737324	16798		GW	S	SENE	-	1 WSMVD	S	UTU-33433	N2995
BONANZA 1023-6D	06	1008	230E	4304737429	17020		GW	P	NWNW	-	1 WSMVD	P	UTU-38419	N2995
BONANZA 1023-6B	06	100S	230E	4304740398	18291		GW	P	NWNE	ļ	1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-6M1BS	06	100S	230E	4304750452	17578		GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6N1AS	06	100\$	230E	4304750453	17581	ii	GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6N1CS	06	100S	230E	4304750454	17580		GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6N4BS	06	100S	230E	4304750455	17579		GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-612S	06	100S	230E	4304750457	17790		GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-614S	06	100S	230E	4304750458	17792		GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6J3S	06	100S	230E	4304750459	17791	1	GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6P1S	06	100S	230E	4304750460	17793	1	GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6A2CS	06	100S	230E	4304751430	18292	1	GW	Р	NWNE	D ·	1 WSMVD	Р	UTU33433	N2995
BONANZA 1023-6B4BS	06	100S	230E	4304751431	18293	1	GW	Р	NWNE	D	1 WSMVD	Р	UTU33433	N2995
BONANZA 1023-6B4CS	06	100S	230E	4304751432	18294	1	GW	Р	NWNE	D	1 WSMVD	Р	UTU33433	N2995
BONANZA 1023-6C4BS	06	100S	230E	4304751449	18318	1	GW	Р	NENW	D	1 WSMVD	Р	UTU38419	N2995
BONANZA 1023-6D1DS	06	1008	230E	4304751451	18316		GW	Р	NENW	D	1 WSMVD	Р	UTU38419	N2995
FLAT MESA FEDERAL 2-7	07	1008	230E	4304730545	18244		GW	S	NENW		1 WSMVD	S	U-38420	N2995
BONANZA 1023-7B	07	100S	230E	4304735172	13943		GW	Р	NWNE		1 MVRD	Р	U-38420	N2995
BONANZA 1023-7L	07	100S	230E	4304735289	14054		GW	Р	NWSW		1 WSMVD	Р	U-38420	N2995
BONANZA 1023-7D	07	100S	230E	4304735393	14171		GW	Р	NWNW		1 WSMVD	P	U-38420	N2995
BONANZA 1023-7P	07	100S	230E	4304735510	14296		GW	Р	SESE		1 WSMVD	Р	U-38420	N2995
BONANZA 1023-7H	07	100S	230E	4304736742	15921		GW	P	SENE	1	1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7NX (RIGSKID)	07	100S	230E	4304736932	15923		GW	P	SESW		1 WSMVD	P		N2995
BONANZA 1023-7M	07	100S	230E	4304737215	16715		GW	P	SWSW		1 WSMVD	P		N2995
BONANZA 1023-7K	07	1005	230E	4304737216	16714		GW	P	NESW		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7E	07	1005	230E	4304737217	16870		GW	P	SWNW		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7G	07	1005	230E	4304737326	16765		GW	P	SWNE		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	1005	230E	4304737327	16796		GW	P	NENE		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-70	07	1005	230E	4304738304	16713		GW	P	SWSE		1 MVRD	P	UTU-38420	N2995
BONANZA 1023-70 BONANZA 1023-7B-3	07	1003	230E	4304738912	17016		GW	P	NWNE		1 WSMVD	P	UTU-38420	N2995
		100S	230E				GW	Р	NWSE	-	1 WSMVD	P		N2995
BONANZA 1023-07JT	07			4304739390	16869 17494		GW	P		D		P		N2995
BONANZA 1023-7J2AS	07	100S	230E	4304750474	-					+ +				
BONANZA 1023-7J2DS	07	100\$	230E	4304750475	17495	-	GW	P		D	1 WSMVD	Р		N2995
BONANZA 1023-7L3DS	07	1008	230E	4304750476	17939		GW	Р		D	1 WSMVD	P		N2995
BONANZA 1023-7M2AS	07	1008	230E	4304750477	17942		GW	P	· i	D	1 WSMVD	Р		N2995
BONANZA 1023-7N2AS	07	100S	230E	4304750478	17940		GW	Р		D	1 WSMVD	P		N2995
BONANZA 1023-7N2DS	07	100S	230E	4304750479	17941			P	NWSW	D	1 WSMVD	P		N2995
BONANZA 1023-704S	07	100S	230E	4304750480	17918		GW	P	SESE	D	1 WSMVD	Р		N2995
BONANZA 1023-7P2S	07	100S	230E	4304750482	17919			Р	SESE	D	1 WSMVD	Р		N2995
BONANZA 8-2	08	100S	230E	4304734087	13851	1 (GW	P	SESE		1 MVRD	Р	U-37355	N2995

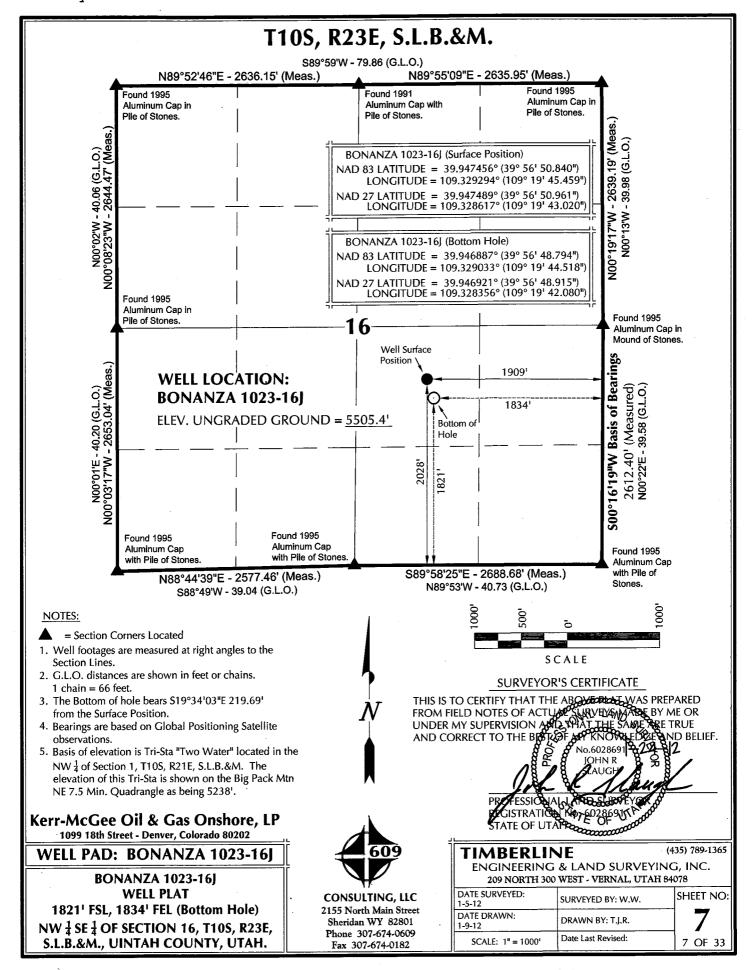
BONANZA 8-3	08	100S	230E	4304734770	13843	1 GW	Р	NWNW		1 MVRD	Р	U-37355	N2995
BONANZA 1023-8A	08	100S	230E	4304735718	14932	1 GW	Р	NENE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8L	08	100S	230E	4304735719	14876	1 GW	Р	NWSW		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8N	08	100S	230E	4304735720	15104	1 GW	Р	SESW	Ì	1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8F	08	100S	230E	4304735989	14877	1 GW	S	SENW		1 WSMVD	s	UTU-37355	N2995
BONANZA 1023-8I	08	100S	230E	4304738215	16358	1 GW	Р	NESE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8K	08	100S	230E	4304738216	16354	1 GW	Р	NESW		1 WSMVD	Р		N2995
BONANZA 1023-8M	08	1008	230E	4304738217	16564	1 GW	Р	swsw	1	1 MVRD	Р		N2995
BONANZA 1023-8G	08	100S	230E	4304738218	16903	1 GW	Р	SWNE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8E	08	100S	230E	4304738219	16397	1 GW	Р	SWNW		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8C	08	100S	230E	4304738220	16355	1 GW	Р	NENW		1 WSMVD	Р		N2995
BONANZA 1023-8B	08	100S	230E	4304738221	16292	1 GW	Р	NWNE	+	1 WSMVD	Р		N2995
BONANZA 1023-8H	08	100S	230E	4304738222	16353	1 GW	P	SENE	-	1 WSMVD	P	UTU-37355	N2995
BONANZA 1023-80	08	100S	230E	4304738305	16392	1 GW	Р	SWSE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8B-4	08	100S	230E	4304738914	17019	1 GW	P	NWNE		1 WSMVD	Р		N2995
BONANZA 1023-8A1DS	08	100S	230E	4304750481	17518	1 GW	P	NENE	D	1 WSMVD	P		N2995
BONANZA 1023-8A4BS	08	100S	230E	4304750483	17519	1 GW	P	NENE	D	1 WSMVD	P		N2995
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BONANZA 1023-8B2AS	08	1008	230E	4304750485	17521	1 GW	P	NENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-802S	08	1005	230E	4304750495	17511	1 GW	P	NWSE	D	1 WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J1S	08	100S	230E	4304750496	17509	1 GW	P	NWSE	D	1 WSMVD	Р	UTU 37355	N2995
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BONANZA 1023-8J3	08	100S	230E	4304750498	17510	1 GW	Р	NWSE	-	1 WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C4CS	08	100S	230E	4304750499	17544	1 GW	P	NENW	D	1 WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D2DS	08	100S	230E	4304750500	17546	1 GW	P	NENW	D	1 WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D3DS	08	100S	230E	4304750501	17545	1 GW	P	NENW	D	1 WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3DS	08	100S	230E	4304750502	17543	1 GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8A4CS	08	100S	230E	4304751131	18169	1 GW	Р	NWNE	D	1 WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B3BS	08	100S	230E	4304751132	18167	1 GW	P	NWNE	D	1 WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C1AS	08	100S	230E	4304751133	18166	1 GW	Р	NWNE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8G3AS	08	1005	230E	4304751134	18168	1 GW	P	NWNE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8E2AS	08	100S	230E	4304751135	18227	1 GW	Р	SENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8F3BS	08	100S	230E	4304751136	18227	1 GW	P	SENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8F4AS	08	100S	230E	4304751137	18224	1 GW	Р		D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8F4DS	08	100S	230E	4304751138	18225	1 GW	Р	SENW	D	1 WSMVD	Р		N2995
BONANZA 1023-8J2CS	08	100S	230E	4304751139	18226	1 GW	Р	SENW	D	1 WSMVD	Р		N2995
BONANZA 1023-8G4DS	08	1005	230E	4304751140	18144	1 GW	P	NESE	D	1 WSMVD	P		N2995
BONANZA 1023-8H2DS	08		230E	4304751141	18142		P	NESE	D	1 WSMVD	1 -	UTU 37355	
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BONANZA 1023-8H4DS	08	100S	230E	4304751143	18141	1 GW	P	NESE	D	1 WSMVD	Р	NAME OF THE OWNER O	N2995
BONANZA 1023-814BS	08		230E	4304751144	18155	1 GW	P	NESE	D	1 WSMVD	P		N2995
BONANZA 1023-8J4BS	08	1005	230E	4304751145	18154	1 GW	P	NESE	D	1 WSMVD	P		N2995
BONANZA 1023-891AS	08	1005	230E	4304751146	18156	1 GW	P	NESE	D	1 WSMVD	P		N2995
BONANZA 1023-8P2BS	08	1	230E	4304751147	18153	1 GW	P	NESE	D	1 WSMVD	P		N2995
BONANZA 1023-8P4AS	08		230E	4304751148	18157	1 GW	P	NESE	D	1 WSMVD	P		N2995
BONANZA 1023-8E2DS	08		230E	4304751149	18201	1 GW	P		D	1 WSMVD	P	UTU 37355	
55.44 (14E) 1 10E0-0EED0		, 555									; •	0.000	

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BONANZA 1023-8E3DS	80	100S	230E	4304751150	18200	1 0		Р	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8K1CS	80	100S	230E	4304751151	18199	1 0		Р	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8K4CS	08	100S	230E	4304751152	18198	1 0		Р	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8L3DS	80	100S	230E	4304751153	18197	1 0		Р	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8M2AS	80	100S	230E	4304751154	18217	1 0		Р	swsw	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8M2DS	80	100S	230E	4304751155	18216	1 0		Р	SWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8N2BS	80	100S	230E	4304751156	18218	1 0		Р	SWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-803CS	80	100S	230E	4304751157	18254	1 0		Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8N3DS	80	100S	230E	4304751158	18215		W	Р	SWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-804AS	08	100S	230E	4304751159	18252	1 G		Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8P2CS	08	100S	230E	4304751160	18251	1 G		Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8P3CS	08	100S	230E	4304751161	18253	1 G		Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
CANYON FEDERAL 2-9	09	100S	230E	4304731504	1468	1 G		Р	NENW	1	1 MVRD	Р	U-37355	N2995
SOUTHMAN CANYON 9-3-M	09	100S	230E	4304732540	11767	1 G		S	SWSW		1 MVRD	S	UTU-37355	N2995
SOUTHMAN CANYON 9-4-J	09	100S	230E	4304732541	11685	1 G		S	NWSE		1 MVRD	S	UTU-37355	N2995
BONANZA 9-6	09	100S	230E	4304734771	13852	1 G		P	NWNE		1 MVRD	Р	U-37355	N2995
BONANZA 9-5	09	100S	230E	4304734866	13892	1 G	W	Р	SESW		1 MVRD	Р	U-37355	N2995
BONANZA 1023-9E	09	100S	230E	4304735620	14931	1 G		Р	SWNW		1 WSMVD	Р	U-37355	N2995
BONANZA 1023-9I	09	100S	230E	4304738223	16766	1 G	W	Р	NESE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-9D	09	100S	230E	4304738306	16398	1 G	W	Р	NWNW		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-9J	09	100S	230E	4304738811	16989	1 G		Р	NWSE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-9B3BS	09	100S	230E	4304750503	17965	1 G	W	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-9B3CS	09	100S	230E	4304750504	17968	1 G	W	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-9H2BS	09	100S	230E	4304750505	17966	1 G	W	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-9H2CS	09	100S	230E	4304750506	17967	1 G	W	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 10-2	10	100S	230E	4304734704	13782	1 G	W	Р	NWNW		1 MVRD	Р	U-72028	N2995
BONANZA 1023-10L	10	100S	230E	4304735660	15164	1 G	W	Р	NWSW		1 WSMVD	Р	U-38261	N2995
BONANZA 1023-10E	10	100S	230E	4304738224	16501	1 G	W	Р	SWNW		1 MVRD	Р	UTU-72028	N2995
BONANZA 1023-10C	10	100S	230E	4304738228	16500	1 G	W	Р	NENW		1 MVRD	Р	UTU-72028	N2995
BONANZA 1023-10C-4	10	100S	230E	4304738915	17015	1 G	W	Р	NENW		1 MVRD	Р	UTU-72028	N2995
BONANZA 11-2 🛠	11	100S	230E	4304734773	13768	1 G	W	Р	SWNW		1 MVMCS	Р	UTU-38425	N2995
BONANZA 1023-11K	11	100S	230E	4304735631	15132	1 G	W	Р	NESW		1 WSMVD	Р	UTU-38425	N2995
BONANZA 1023-11B	11	100S	230E	4304738230	16764	1 G	W	Р	NWNE		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11F	11	100S	230E	4304738232	16797	1 G	W	Р	SENW		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11D	11	100S	230E	4304738233	16711	1 G	W	Р	NWNW		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11G	11	100S	230E	4304738235	16826	1 G	W	Р	SWNE		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11C	11	100S	230E	4304738309	16736	1 G	W	Р	NENW		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11J	11	100S	230E	4304738310	16839	1 G	W	Р	NWSE		1 WSMVD	Р	UTU-38424	N2995
BONANZA 1023-11N	11	100S	230E	4304738311	16646	1 G	W	Р	SESW		1 MVRD	Р	UTU-38424	N2995
BONANZA 1023-11M	11	100S	230E	4304738312	16687	1 G		Р	SWSW		1 MVRD	Р	UTU-38424	N2995
BONANZA 1023-11L	11	100S	230E	4304738812	16987	1 G	W	Р	NWSW		1 WSMVD	Р	UTU-38424	N2995
NSO FEDERAL 1-12	12	100S	230E	4304730560	1480	1 G		Р	NENW		1 MVRD	Р		N2995
WHITE RIVER 1-14	14	100S	230E	4304730481	1500	1 G		S	NENW		1 MVRD	S	U-38427	N2995
BONANZA 1023-14D	14	100S	230E	4304737030	16799	1 G		P	NWNW		1 MVRD	Р		N2995
BONANZA 1023-14C	14		230E	4304738299	16623	1 G		P	NENW			P		N2995
BONANZA FEDERAL 3-15	15	1008	230E	4304731278	8406	1 G		Р	NENW			P	U-38428	N2995
DOIVAIVEAT EDETIVIE 0-10		1.550						•	1	<u> </u>		<u> </u>	,	

* not moved into unit

BONANZA 1023-15H	15	100S	230E	4304738316	16688		1 GW	Р	SENE		1 MVRD	Р	UTU-38427	N2995
BONANZA 1023-15J	15	100S	230E	4304738817	16988	,	1 GW	Р	NWSE		1 MVRD	Р	UTU-38427	N2995
BONANZA 1023-15H4CS	15	100S	230E	4304750741	17492		1 GW	Р	NESE	D	1 MVRD	Р	UTU 38427	N2995
BONANZA 1023-15I2AS	15	100S	230E	4304750742	17493		1 GW	Р	NESE	D	1 WSMVD	Р	UTU 38427	N2995
BONANZA 1023-15I4BS	15	100S	230E	4304750743	17490		1 GW	Р	NESE	D	1 WSMVD	Р	UTU 38427	N2995
BONANZA 1023-15P1BS	15	100S	230E	4304750744	17491		I GW	Р	NESE	D	1 WSMVD	Р	UTU 38427	N2995
LOOKOUT POINT STATE 1-16	16	100S	230E	4304730544	1495	3	GW	Р	NESE		3 WSMVD	Р	ML-22186-A	N2995
BONANZA 1023-16J	16	100S	230E	4304737092	15987		GW	OPS	NWSE		3 WSMVD	OPS	ML-22186-A	N2995
BONANZA 1023-17B	17	100S	230E	4304735747	15165		I GW	Р	NWNE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-17C	17	100S	230E	4304738237	16585		I GW	Р	NENW		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-17D3S	17	100S	230E	4304750511	17943		GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-17E2S	17	100S	230E	4304750512	17944		GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-17E3AS	17	100S	230E	4304750513	17945	1	GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-17E3CS	17	100S	230E	4304750514	17946	1	GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-18G	18	100S	230E	4304735621	14410	•	GW	Р	SWNE		1 WSMVD	Р	U-38241	N2995
BONANZA 1023-18B	18	100S	230E	4304735721	14395		GW	Р	NWNE		1 WSMVD	Р	U-38421	N2995
BONANZA 1023-18DX (RIGSKID)	18	100S	230E	4304736218	14668	1	GW	Р	NWNW		1 WSMVD	Р	U-38241	N2995
BONANZA 1023-18A	18	100S	230E	4304738243	16625	1	GW	Р	NENE		1 WSMVD	Р	UTU-38421	N2995
BONANZA 1023-18F	18	100S	230E	4304738244	16624	1	GW	Р	SENW		1 WSMVD	Р	UTU-38421	N2995
BONANZA 1023-18E	18	100S	230E	4304738245	16645	1	GW	Р	SWNW		1 MVRD	Р	UTU-38421	N2995
BONANZA 1023-18C	18	100S	230E	4304738246	16734	1	GW	Р	NENW		1 MVRD	Р	UTU-38421	N2995
BONANZA 1023-18G-1	18	100S	230E	4304738916	17135	1	GW	Р	SWNE		1 WSMVD	Р	UTU-38421	N2995
BONANZA 1023-18D3AS	18	100S	230E	4304750448	17498	. 1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18D3DS	18	100S	230E	4304750449	17499	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18E2DS	18	100S	230E	4304750450	17497	1	GW	Р	SWNW	D	1 WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E3AS	18	100S	230E	4304750451	17496	1	GW	Р	SENW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18L2S	18	100S	230E	4304750520	18111		GW	P	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18L3S	18	100S	230E	4304750521	18110	1	GW	P	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18K3AS	18	100S	230E	4304751061	18112	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18K3BS	18	100S	230E	4304751063	18113	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18M2AS	18	100S	230E	4304751064	18117	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18M2DS	18	100S	230E	4304751065	18116	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18N2AS	18	100S	230E	4304751066	18114		GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18N2DS	18	100S	230E	4304751067	18115	1	GW	Р	SWNW	D	1 WSMVD	P	UTU 38421	N2995
BONANZA 1023-10F	10	100S	230E	4304738225	16565		GW	Р	SENW		MVRD	Ρ	UTU 72028	N2995
BONANZA 1023-6D1AS	6	100S	230E	4304751450	18320		GW	Р	NENW	D	WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6C1CS	6	100S	230E	4304751448	18319		GW		NENW	D			UTU 38419	N2995
BONANZA 1023-6D3AS	6	100S	230E	4304751452	18317		GW	Р	NENW	D	WSMVD	Р	UTU 38419	N2995

	STATE OF UTAH		FORM 9
·	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
	RY NOTICES AND REPORTS (6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizon n for such proposals.	leepen existing wells below tal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: PONDEROSA
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-16J
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.		9. API NUMBER: 43047370920000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	h Street, Suite 600, Denver, CO, 80217	PHONE NUMBER: 3779 720 929-6	9. FIELD and POOL or WILDCAT: 5MATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2028 FSL 1909 FEL		COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 16 Township: 10.0S Range: 23.0E Meridi	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 6/30/2012	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
0/30/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Nopon Date.	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a	l pertinent details including dates, d	lepths, volumes, etc.
			ns were suspended while the
	ated the addition of new well		
			ed coordinates were incorrect 028' FSL 1909' FEL. In addition
			n due to the well changing to a
	and to accommodate the add		
attached revised	plats, maps and drilling prog	ram for additional infor	mation. Please contact the
	undersigned with any question	ons and/or comments. T	
	2		Utah Division of
Surf	BHC	442744×	Oil, Gas and Mining
642720X		44231694	
11173921	4	39.946414	Date: 07-16-174
4423231	83		The Total Collins
-109.329	347	-109, 3296-	77.
NAME (PLEASE PRINT) Danielle Piernot	PHONE NUMBE 720 929-6156	R TITLE Regulatory Analyst	
SIGNATURE		DATE 6/15/2012	
N/A		0/10/2012	



Bonanza 1023-16J Pad

Surface Use Plan of Operations

Pad: BONANZA 1023-16J PAD

Section 16 T10S R23E Mineral Lease: ML-22186A

Uintah County, Utah
Operator: Kerr-McGee Oil & Gas Onshore LP

This SUPO contains surface operating procedures for Kerr-McGee Oil & Gas Onshore LP (KMG), a wholly owned subsidiary of Anadarko Petroleum Corporation (APC) pertaining to actions that involve the State of Utah School and Institutional Trust Lands Administration (SITLA) in the development of minerals leased to APC/KMG (including but not limited to, APDs/SULAs/ROEs/ROWs and/or easements.)

See associated Utah Division of Oil, Gas, and Mining (UDOGM) Form 3(s), plats, maps, and other attachments for site-specific information on projects represented herein.

In accordance with Utah Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling, these wells will be directionally drilled. Refer to Topo Map A for directions to the location and Topo Maps A and B for location of access roads within a 2-mile radius.

A. Existing Roads:

Existing roads consist of county and improved/unimproved lease roads. KMG will maintain existing roads in a condition that is the same as or better than before operations began and in a safe and usable condition. Maintenance of existing roads will continue until final abandonment and reclamation of well pads and/or other facilities. The road maintenance may include, but is not limited to, blading, ditching, culvert installation/cleanout, surfacing, and dust control.

Typically, roads, gathering lines and electrical distribution lines will occupy common disturbance corridors and roadways will be used as working space. All disturbances located in the same corridor will overlap each other to the maximum extent possible; in no case will the maximum disturbance width of the access road and utility corridors exceed 50', unless otherwise approved.

B. Planned Access Roads:

Approximately ±260' (0.05 miles) of county road re-route is proposed (see Topo Map B). Applicable Uintah County encroachment and/or pipeline crossing permits will be obtained prior to construction/development. No other pipelines will be crossed at this location.

If there are roads that are new or to be reconstructed, they will be located, designed, and maintained to meet the standards of SITLA and other commonly accepted Best Management Practices (BMPs). If a new road/corridor were to cross a water of the United States, KMG will adhere to the requirements of applicable Nationwide or Individual Permits of the Department of Army Corps of Engineers.

During the onsite, turnouts, major cut and fills, culverts, bridges, gates, cattle guards, low water crossings, or modifications needed to existing infrastructure/facilities were determined, as applicable, are typically shown on attached Exhibits and Topo maps.

C. Location of Existing and Proposed Facilities:

Production facilities (see Well Pad Design Summary and Facilities Diagram):

Production facilities will be installed on the disturbed portion of the well pad and may include bermed components (typically excluding dehy's and/or separators) that contain fluids (i.e. production tanks, produced liquids tanks). The berms will be constructed of compacted subsoil or corrugated metal, impervious, designed to hold 110% of the capacity of the largest tank, and be independent of the back cut. All permanent (on-site six months or longer) above ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth-tone color chosen at the onsite in coordination with SITLA.

Surface Use Plan of Operations 2 of 6

Bonanza 1023-16J Pad

Gathering Facilities:

The following pipeline transmission facilities will apply if the well is productive (see Topo D):

The total gas gathering (steel line pipe with fusion bond epoxy coating) pipeline distances from the meter to the tie in point is $\pm 1,200$ ' and the individual segments are broken up as follows:

- ±1,200' (0.2 miles) –New 16" buried gas pipeline from the meter to the edge of the pad. The proposed pipeline will then tie into a previously proposed 16" buried gas pipeline submitted under separate cover. Please refer to Topo D2 Pad and Pipeline Detail.
- ±1,295' (0.02 miles) Re-Route 3" surface gas pipeline. This portion of pipeline is owned and operated by Questar. Please refer to Topo D2 Pad and Pipeline Detail.

The total liquid gathering pipeline distance from the separator to the tie in point is $\pm 1,200$ 'and the individual segments are broken up as follows:

±1,200' (0.2 miles) –New 6" buried liquid pipeline from the separator to the edge of the pad. The proposed pipeline will then tie into a previously proposed 6" buried liquid pipeline submitted under separate cover. Please refer to Topo D2 - Pad and Pipeline Detail.

The liquid gathering lines will be made of polyethylene or a composite polyethylene/steel or polyethylene/fiberglass that is not subject to internal or external pipe corrosion. The content of the produced fluids to be transferred by the liquid gathering system will be approximately 92% produced water and 8% condensate. Trunk line valve connections for the water gathering system will be below ground but accessible from the surface in order to prevent freezing during winter time.

The proposed pipelines will be buried and will include gas gathering and liquid gathering pipelines in the same trench. Where the pipeline is adjacent to the road or well pad, the road and/or well pad will be utilized for construction activities and staging. KMG requests a permanent 30' right-of-way adjacent to the road for life-of-project for maintenance, repairs, and/or upgrades, no additional right-of-way will be needed beyond the 30'. Where the pipeline is not adjacent to the road or well pad, KMG requests a temporary 45' construction right-of-way 30' permanent right-of-way.

The proposed trench width for the pipeline would range from 18-48 inches and will be excavated to a depth of 48 to 60 inches of normal soil cover or 24 inches of cover in consolidated rock. During construction blasting may occur along the proposed right-of-way where trenching equipment cannot cut into the bedrock. Large debris and rocks removed from the earth during trenching and blasting that could not be returned to the trench would be distributed evenly and naturally in the project area. The proposed pipelines will be pressure tested pneumatically (depending on size) or with fluids (either fresh or produced). If fluids are used, there will be no discharge to the surface.

Pipeline signs will be installed along the right-of-way to indicate the pipeline proximity and ownership, as well as to provide emergency contact phone numbers. Above ground valves, T's, and/or cathodic protection will be installed at various locations for connection, corrosion prevention and/or for safety purposes.

D. Location and Type of Water Supply:

Water for drilling purposes will be obtained from one of the following sources:

- Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32 T4S R3E, Water User Claim number 43-8496, application number 53617.
- Price Water Pumping Inc. Green River and White River, various sources, Water Right Number 49-1659, application number: a35745.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

E. Source of Construction Materials:

Construction operations will typically be completed with native materials found on location. If needed, construction materials that must be imported to the site (mineral material aggregate, soils or materials suitable for fill/surfacing) will be obtained from a nearby permitted source and described in subsequent Sundry requests. No construction materials will be removed from State lands without prior approval from SITLA.

Bonanza 1023-16J Pad

Surface Use Plan of Operations 3 of 6

F. Methods for Handling Waste Materials:

Should the well be productive, produced water will be contained in a water tank and will be transported by pipeline and/or truck to an approved disposal sites facilities and/or Salt Water Disposal (SWD) injection well. Currently, those facilities are:

> RNI in Sec. 5 T9S R22E Ace Oilfield in Sec. 2 T6S R20E MC&MC in Sec. 12 T6S R19E Pipeline Facility in Sec. 36 T9S R20E Goat Pasture Evaporation Pond in SW/4 Sec. 16 T10S R22E Bonanza Evaporation Pond in Sec. 2 T10S R23E Ouray #1 SWD in Sec. 1 T9S R21E NBU 159 SWD in Sec. 35 T9S R21E CIGE 112D SWD in Sec. 19 T9S R21E CIGE 114 SWD in Sec. 34 T9S R21E NBU 921-34K SWD in Sec. 34 T9S R21E NBU 921-33F SWD in Sec. 33 T9S R21E NBU 921-34L SWD in Sec. 34 T9S R21E

Kerr-McGee will use either a closed loop drilling system that will require one pit and one cuttings storage area to be constructed on the drilling pad or a traditional drilling operation with one pit used for drilling and completion operations. The cuttings storage area will be used to contain only the de-watered drill cuttings and will be lined and bermed to prevent any liquid runoff. The drill cuttings will be buried in the completion pit once completion operations are completed according to traditional pit closure standards. The pit will be constructed to allow for completion operations. The completion operations pit will be lined with a synthetic material 20 mil or thicker and will be used for the completing of the wells on the pad or used as part of our Aandarko Completions Transportation System (ACTS). Using the closed loop drilling system will allow Kerr-McGee to decrease the amount of disturbance/footprint on location compared to a single large drilling/completions pit.

If Kerr-McGee does not use a closed loop drilling system, it will construct a traditional drilling/completions pit to contain drill cuttings and for use in completion operations. The pit will be lined with a synthetic material 20 mil or thicker. The drill cuttings will be buried in the pit using traditional pit closure standards.

Unless otherwise approved, no oil or other oil based drill additives, chromium/metals-based, or saline muds will be used during drilling. Only fresh water, biodegradable polymer soap, bentonite clay, and /or non-toxic additives will be used in the system.

Pits will be constructed to minimize the accumulation of surface runoff. Should fluid hydrocarbons be encountered during drilling, completions, or well testing, product will either be contained in test tanks on the well site or evacuated by vacuum trucks and transported to an approved disposal/sales facility. Should petroleum hydrocarbons unexpectedly be release into the pit, they will be removed as soon as practical but in no case will they remain longer than 72 hours unless an alternative is approved by SITLA. Should timely removal prove infeasible, the pit will be netted with mesh no larger than 1 inch until such time as the hydrocarbons can be removed. Hydrocarbon removal will also take place prior to the closure of the pit, unless authorization is provided for disposal via alternative pit closure methods. (e.g. solidification)

Any additional pits necessary for subsequent operations, such as temporary flare pits, or workover pits, will contained within the originally approved well pad and disturbance boundaries. Such temporary pits will be backfilled and reclaimed within 180 days of completion of the work.

For the protection of livestock and wildlife, all open pits and cellars will be fenced/covered to prevent wildlife or livestock entry. Total height of pit fencing will be at least 42 inches and corner posts will be cemented and/or braced in such a manner as to keep the fence tight at all times. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

Pits containing drilling cuttings, mud, and/or completions fluids will be allowed to dry. Any free fluids remaining after after six (6) months from reaching total depth, date of completion, and/or determination of inactivity will be removed (as weather conditions allow) to an approved site and the pit reclaimed. Additional drying methods may include fly-ash solidification or sprinkler evaporation. Installation and operation of any sprinklers, pumps, and equipment will ensure that water spray or mist does not drift. Reserve pit liners will be cut off or folded as near to the mud surface as possible and as safety considerations allow and buried on location.

No garbage or non-exempt substances as defined by Resource Conservation and Recovery Act (RCRA) subtitle C will be placed in the reserve pit. All refuse generated during construction, drilling, completion, and well testing activities will be contained in an enclosed receptacle, removed from the drill locations promptly, and transported to an approved disposal facility.

Bonanza 1023-16J Pad

Surface Use Plan of Operations

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Portable, self-contained chemical toilets and/or sewage processing facilities will be provided for human waste disposal. Upon completion of operations, or as required, the toilet holding tanks will be pumped and the contents disposed of in an approved sewage disposal facility. All applicable regulations pertaining to disposal of human and solid waste will be observed.

Any undesirable event, including accidental release of fluids, or release in excess of reportable quantities, will be managed according to the notification requirements of UDOGMs "Reporting Oil and Gas Undesirable Events" rule. Where State wells are participatory to a Federal agreement, according to NTL-3A, the appropriate Federal agencies will be notified.

Materials Management

Hazardous materials above reportable quantities will not be produced by drilling or completing proposed wells or constructing the pipelines/facilities. The term "hazardous materials" as used here means: (1) any substance, pollutant, or containment listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended 42 U.S.C. 9601 et seq., and the regulations issued under CERCLA; and (2) any hazardous waste as defined in RCRA of 1976, as amended. In addition, no extremely hazardous substance, as defined in 40 CFR 355, in threshold planning quantities, would be used, produced, stored, transported, or disposed of while producing any well.

Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act (SARA) in quantities of 10,000 pounds or more may be produced and/or stored at production facilities and may be kept in limited quantities on drilling sites and well locations for short periods of time during drilling or completion activities.

G. Ancillary Facilities:

None are anticipated.

H. Well Site Layout (see Well Pad Design Summary):

The location, orientation and aerial extent of each drill pad; reserve/completion/flare pit; access road ingress/ egress points, drilling rig, dikes/ditches, existing wells/infrastructure; proposed cuts and fills; and topsoil and spoil material stockpile locations are depicted on the exhibits for each project, where applicable. Site-specific conditions may require slight deviation in actual equipment and facility layout; however, the area of disturbance, as described in the survey, will not be exceeded.

Coordinates are provided in the National Spatial Reference System, North American Datum, 1927 (NAD27) or latest edition. Distances are depicted on each plat to the nearest two adjacent section lines.

I. Plans for Reclamation of the Surface:

Surface reclamation will be undertaken in two phases: interim and final. Interim reclamation is conducted following well completion and extends through the period of production. This reclamation is for the area of the well pad that is not required for production activities. Final reclamation is conducted following well plugging/conversion and/or facility abandonment processes.

Reclamation activities in both phases may include but is not limited to the re-contouring or re-configuration of topographic surfaces, restoration of drainage systems, segregation of spoils materials, minimizing surface disturbance, re-evaluating backfill requirements, pit closure, topsoil redistribution, soil treatments, seeding and weed control.

Interim Reclamation

Interim reclamation includes pit closure, re-contouring (where possible), soil bed preparation, topsoil placement, seeding, and/or weed control.

Bonanza 1023-16J Pad

Surface Use Plan of Operations
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Interim re-contouring involves bringing all construction material from cuts and fills back onto the well pad and site and reestablishing the natural contours where desirable and practical. Fill and stockpiled spoils no longer necessary to the operation will be spread on the cut slopes and covered with stockpiled topsoil. All stockpiled top soils will be used for interim reclamation where practical to maintain soil viability. Where possible, the land surface will be left "rough" after re-contouring to ensure that the maximum surface area will be available to support the reestablishment of vegetative cover.

A reserve pit, upon being allowed to dry, will be backfilled and compacted with cover materials that are void of any topsoil, vegetation, large stones, rocks or foreign objects. Soils that are moisture laden, saturated, or partially/completely frozen will not be used for backfill or cover. The pit area will be mounded to allow for settling and to promote positive surface drainage away from the pit.

Final Reclamation

Final reclamation will be performed for newly drilled unproductive wells and/or at the end of the life of a productive well. As soon as practical after the conclusion of drilling and testing operations, unproductive drill holes will be plugged and abandoned (P&A). Site and road reclamation will commence following plugging. In no case will reclamation at non-producing locations be initiated later than six (6) months from the date a well is plugged. A joint inspection of the disturbed area to be reclaimed may be requested by KMG. The primary purpose of this inspection will be to review the existing conditions, or agree upon a revised final reclamation and abandonment plan. A Notice of Intent to Abandon will be filed for final recommendations regarding surface reclamation.

After plugging, all wellhead equipment that is no longer needed will be removed, and the well site will be reclaimed. Final contouring will blend with and follow as closely as practical the natural terrain and contours of the original site and surrounding areas. After re-contouring, final grading will be conducted over the entire surface of the well site and access road. Where practical, the area will be ripped to a depth of 18 to 24 inches on 18 to 24-inch centers and surface materials will be pitted with small depressions to form longitudinal depressions 12 to 18 inches deep perpendicular to the natural flow of water.

All unnecessary surface equipment and structures (e.g. cattle guards) and water control structures (e.g. culverts, drainage pipes) not needed to facilitate successful reclamation will be removed during final reclamation. Roads that will be reclaimed will be ripped to a depth of 18 inches where practical, re-contoured to approximate the original contour of the ground and seeded.

Upon successfully completing reclamation of a P&A location, a Final Abandonment Notice will be submitted to UDOGM.

Seeding and Measures Common to Interim and Final Reclamation

Reclaimed areas may be fenced to exclude grazing and encourage re-vegetation.

On slopes where severe erosion can become a problem and the use of machinery is not practical, seed will be hand broadcast and raked with twice the specified amount of seed. The slope will be stabilized using materials specifically designed to prevent erosion on steep slopes and hold seed in place so vegetation can become permanently established. These materials will include, but are not limited to, erosion control blankets and bonded fiber matrix at a rate to achieve a minimum of 80 percent soil coverage.

Seeding will occur year-round as conditions allow. Seed mixes appropriate to the native plant community as determined and specified for each project location based on the site specific soils will be used for re-vegetation. The site specific seed mix will be provided by SITLA.

J. Surface/Mineral Ownership:

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102

L. Other Information:

None

Surface Use Plan of Operations 6 of 6

Bonanza 1023-16J Pad

M. Lessee's or Operators' Representative & Certification:

Danielle Piernot Regulatory Analyst II Kerr-McGee Oil & Gas Onshore LP PO Box 173779 Denver, CO 80217-3779 (720) 929-6156 Tommy Thompson General Manager, Drilling Kerr-McGee Oil & Gas Onshore LP PO Box 173779 Denver, CO 80217-3779 (720) 929-6724

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage for State lease activities is provided by State Surety Bond 22013542, and for applicable Federal lease activities and pursuant to 43 CFR 3104, by Bureau of Land Management Nationwide Bond WYB000291.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operation; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

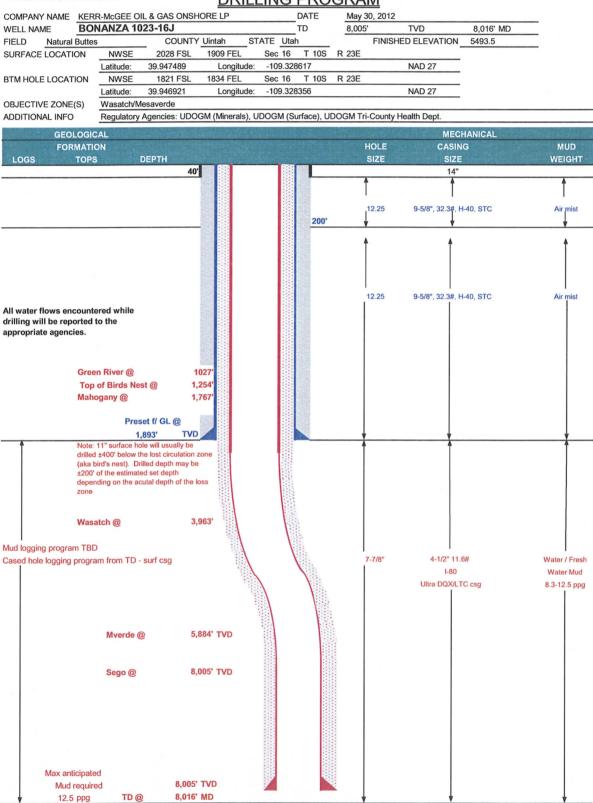
enriette Piernot

May 30, 2012

Date



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM





KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM								A SHAPE OF THE PARTY OF	DESIGN	IFACTORS	their interpretable as more
								医生态机器		LTC	DQX
	SIZE	INTE	ERVAL		WT.	GR.	CPLG.	BURST	COLL	APSE	TENSION
CONDUCTOR	14"	0	-40'								
								3,390	1,880	348,000	N/A
SURFACE	9-5/8"	0	to	1,893	32.30	H-40	STC	2.86	2.12	6.50	N/A
								7,780	6,350	223,000	267,035
PRODUCTION	4-1/2"	0	to	5,000	11.60	I-80	DQX	1.11	1.22		3.55
	4-1/2"	5,000	to	8,016'	11.60	1-80	LTC	1.11	1.22	7.88	

Surface Casing:

(Burst Assumptions: TD =

12.5 ppg) 0.73 psi/ft = frac gradient @ surface shoe

Fracture at surface shoe with 0.1 psi/ft gas gradient above (Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

Production casing:

(Burst Assumptions: Pressure test with 8.4ppg @

0.64 psi/ft = bottomhole gradient

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

CEMENT PROGRAM

	1	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT		YIELD
SURFACE	EAD	500'	Premium cmt + 2% CaCl	220	60%	15.80		1.15
Option 1	- 1		+ 0.25 pps flocele		1 1			
TOP OUT CMT (6)	jobs)	1,200'	20 gals sodium silicate + Premium cmt	330	0%	15.80		1.15
	- 1		+ 2% CaCl + 0.25 pps flocele					
SURFACE	Г		NOTE: If well will circulate water	er to surface, or	tion 2 will be	utilized		
Option 2	EAD	1,393'	65/35 Poz + 6% Gel + 10 pps gilsonite	160	35%	11.00		3.82
			+ 0.25 pps Flocele + 3% salt BWOW					
	TAIL	500'	Premium cmt + 2% CaCl	190	35%	15.80		1.15
	- 1		+ 0.25 pps flocele	1				
TOP OUT	СМТ	as required	Premium cmt + 2% CaCl	as req.		15.80		1.15
PRODUCTION	EAD	3,456'	Premium Lite II +0.25 pps	320	35%	12.00		3.38
		- X 17 1	celloflake + 5 pps gilsonite + 10% gel				- 1	
	- 1	- 1	+ 0.5% extender					
	TAIL	4,560'	50/50 Poz/G + 10% salt + 2% gel	1,080	35%	14.30		1.31
	- 1		+ 0.1% R-3					

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE

Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe

PRODUCTION

Float shoe, 1 jt, float collar. 15 centralizers for a Mesaverde and 20 for a Blackhawk well. 1 centralizer on the first 3 joints and one every third joint thereafter.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. The BOPE will be installed before the production hole is drilled and tested to 5,000 psi (annular to 2,500 psi) prior to drilling out the surface casing shoe. Record on chart recorder and tour sheet. Function test rams on each trip. Maintain safety valve and inside BOP on rig floor at all times. Most rigs have top drives; however, if used, the Kelly is to be equipped with upper and lower kelly valves.

Surveys will be taken at 1,000' minimum intervals.

Most rigs have PVT System for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Nick Spence / Danny Showers / Chad Loesel

DATE:

DRILLING SUPERINTENDENT:

Kenny Gathings / Lovel Young

^{*}Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

Kerr-McGee Oil & Gas Onshore, LP WELL PAD – BONANZA 1023-16J WELLS – 21 PROPOSED WELLS Section 16, T10S, R23E, S.L.B.&M.

From the intersection of U.S. Highway 40 and 500 East Street in Vernal, Utah, proceed in an easterly, then southerly direction along U.S. Highway 40 approximately 3.3 miles to the junction of State Highway 45. Exit right and proceed in a southerly direction along State Highway 45 approximately 20.2 miles to the junction of the Glen Bench Road (County B Road 3260). Exit right and proceed in a southwesterly direction along the Glen Bench Road approximately 14.4 miles to the intersection of the Fidlar Road (County B Road 3410) which road intersection is approximately 400 feet northeast of the Mountain Fuel Bridge at the White River. Exit left and proceed in a southeasterly direction along the Fidlar Road approximately 4.4 miles to the intersection of the Seven Sisters Road (County B Road 3420). Exit right and proceed in a southeasterly, then southerly, then southeasterly, then northeasterly, then southeasterly direction along the Seven Sisters Road approximately 11.6 miles to a Class D County Road to the southwest. Exit right and proceed in a southwesterly, then southerly direction along the Class D County Road approximately 2.1 miles to a second Class D County Road to the northwest. Exit right and proceed in a northwesterly, then southwesterly direction along the second Class D County Road approximately 1.6 miles to the proposed County Road re-route to the west. Follow road flags in a westerly direction approximately 90 feet to the proposed well location.

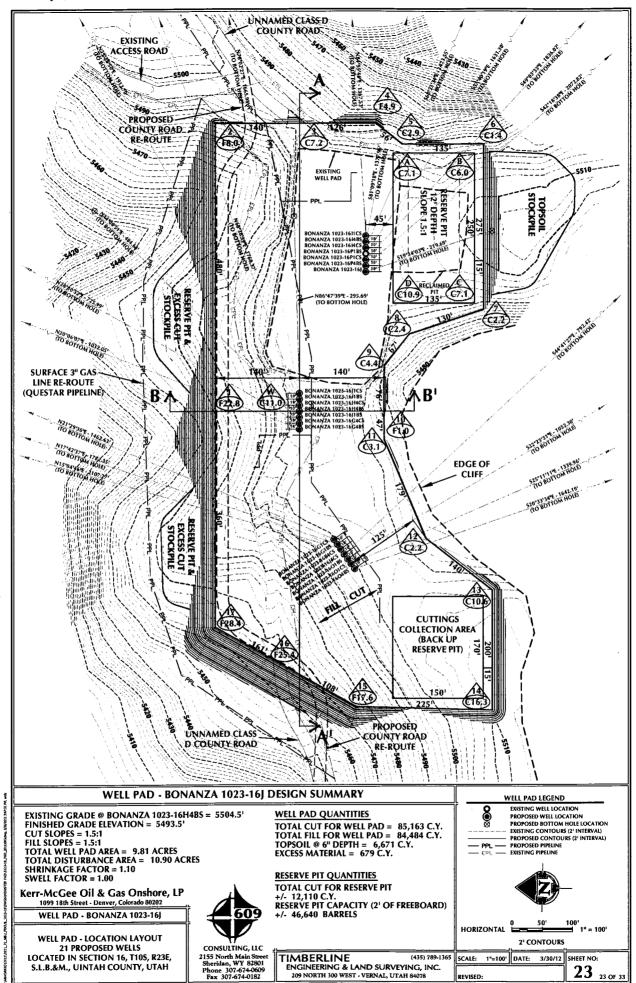
Total distance from Vernal, Utah to the proposed well location is approximately 57.6 miles in a southerly direction.

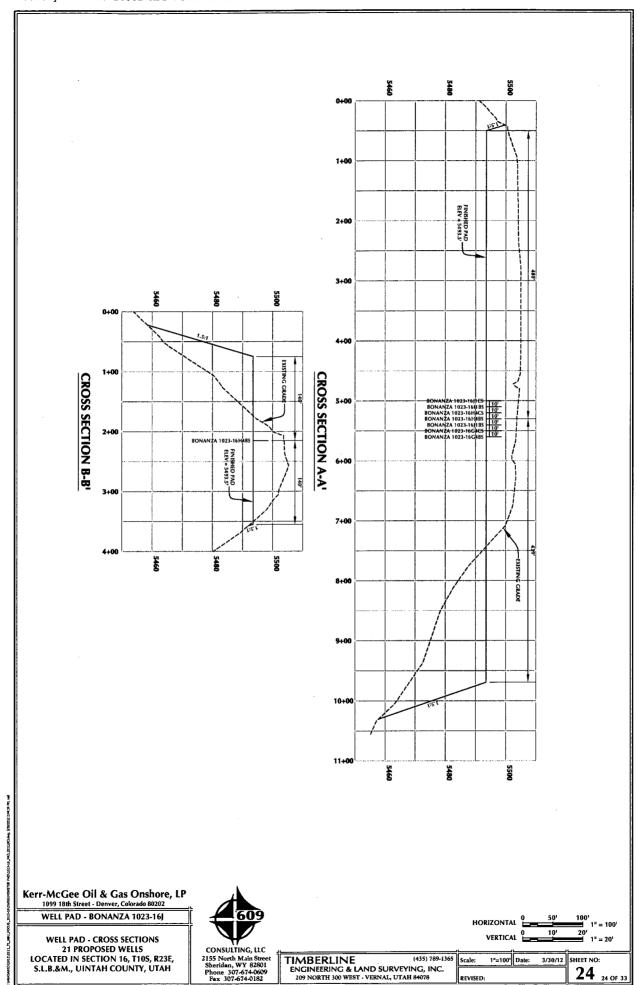
SHEET 33 OF 33

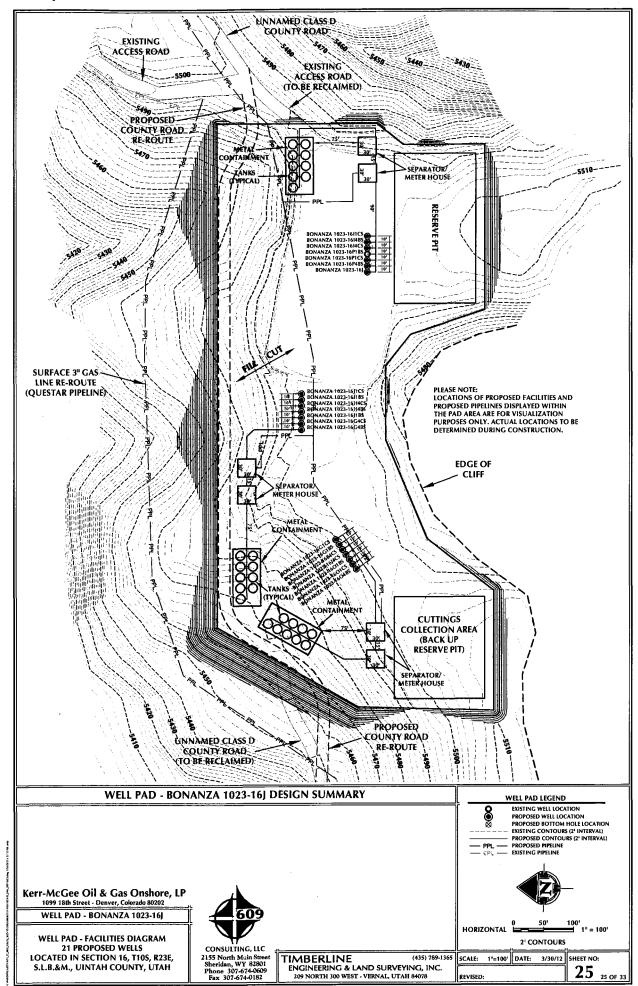
			SURFACE F								B0	оттом н			
WELL NAME		AD83	IDE LATE	NAD		STUDE	FOOTACES	LATIT	NAD		GITUDE	LATITUI	NAD2		FOOTACES
BONANZA	39°56'50.854	LONGITU 109°19'44.		+	109°19'	HTUDE 42.250"	2030' FSL	39°56'5				39°56'52.		LONGITUDE 109°19'24.763"	2151' FSL
1023-16l1CS	39.947459°	109.32908	0° 39.947	493°	109.328	8403°	1849' FEL	39.9477	785°	109.32	4222°	39.947819	9° 1	109.323545°	487' FEL
BONANZA	39°56'50.852	1.00			109°19'		2029' FSL 1859' FEL	39°56'4 39.9468				39°56'48.		109°19'24.906"	1818' FSL
1023-16I4BS BONANZA	39.947459° 39°56'50.849	109.32911 109°19'44.			109.328	'42.507"	2029' FSL	39°56'4		109.32 109°19		39.946905 39°56'45.		109.323585° 109°19'24.933"	496' FEL 1487' FSL
1023-16I4CS	39.947458°	109.32915	1° 39.947	492°	109.328	8474°	1869' FEL	39.9459	963°	109.32	4269°	39.945997	7° 1	109.323 <u>5</u> 92°	496' FEL
BONANZA 1023-16P1BS	39°56'50.847 39.947457°	1.00			109°19' 109.328	'42.635"	2029' FSL 1879' FEL	39°56'4 39.9450		109°19 109.32		39°56'42 39.945091	1.	109°19'24.959"	1157' FSL 496' FEL
BONANZA	39.94/45/- 39°56'50.844	109.32918 109°19'45				'42.764"	2028' FSL	39.9430 39°56'3				39.945091 39°56'39.0		109.323600° 109°19'24.986"	826' FSL
1023-16P1CS	39.947457°	109.32922	3° 39.947	490°	109.328	8546°	1889' FEL	39.9441	149°	109.32	4284°	39.944183	3° 1	109.323607°	496' FEL
BONANZA 1023-16P4BS	39°56'50.842 39.947456°	109°19'45. 109.32925			109°19' 109.328		2028' FSL 1899' FEL	39°56'3 39.9432		109°19 109.32		39°56'35.3	1.	109°19'25.013" 109.323615°	496' FSL 496' FEL
BONANZA	39°56'50.840					143.020	2028' FSL	39°56'4				39°56'48.9		109.323613 109°19'42.080"	1821' FSL
1023-16J	39.947456°	109.32929			109.328		1909' FEL	39.9468	387°	109.32	9033°	39.946921		09.328356°	1834' FEL
			REI	ATIVE C	COORD	INATES -	- From Surface				e				
WELL NAME	NORTH	EAST	WELL NAM	E NO	ORTH	EAS			NORT	TH	EAST	WELL		NORTH	EAST
BONANZA 1023-16l1CS	120.9'	1362.2'	BONANZA 1023-1614B	-21	11.9'	1361.	.6' BONA 1023-1		-542.	.6'	1370.0'	BONAI 1023-1		-872.4'	1378.41
WELL NAME	NORTH	EAST	WELL NAM		ORTH	EAS			NORT	ГН	EAST	1025-1		<u></u>	
BONANZA	-1203.1'	1386.9'	BONANZA	-15	532.9'	1395.	31 BONA		-207.	.0'	73.6'	1			1
023-16P1CS		1300.5	1023-16P4B	s			1023-1	6]							1
					23-16J 23-16P	23-16P1CS 23-16P1BS	23-1614CS 23-1614BS 23-1611CS								
		33'18"W 68.55500	<u>,</u>		DONANZA 1023-16 DONANZA 1023-169485	1023-1 1023-1	BONANZA 1023-1 BONANZA 1023-1 BONANZA 1023-1		<u>S</u> {	A ₂ 31°09 (To E	Z=98.82 2'18"E - 30ttom	N84° (T 4500° 1377.9 Hole)	<u>55'4</u>	4.92944° 6"E - 1367. ottom Hole)	53'
			ρο -		BONANZA	BONANZA 1023-1 BONANZA 1023-1 BONANZA 1023-1	BONANZA 1023-1 BONANZA 1023-1 BONANZA 1023-1	SASIAS	Port.	100 E	2=98.88-25-18"E-30ttom	$\frac{N84^{\circ}}{(1500^{\circ})}$	55'4 o Bo 6' Az 13'34' Botto	4.92944° 6"E - 1367. 6"E - 1367. 6"E - 1473.55 74.355 75.32806° 76.37.30	
1099 18	AZ = 2	& Gas Cenver, Color	Onshore,		BONANZA	BONANZA 1023-1 BONANZA 1023-1 BONANZA 1023-1	BONANZA 1023-1 BONANZA 1023-1 BONANZA 1023-1	Syllo	TI.	30.5 10.60 10.00 MB	B3° ON THOSE ERLI	N84° (To 1377.9 Hole) S68° (To 1377.9 Hole)	55'4 o Bo 6' Az'3'34'36'ttc Az'0'19'0'ttc	11.60722° Sittom Hole) 11.60722° 1473.55 1473.55 1631.30 17.631.30	55) 789-1365
1099 18 WELL	AZ = 2 N Gee Oil a 8th Street - D	& Gas Cenver, Color	Onshore, ado 80202		BONANZA	BONANZA 1023-1 BONANZA 1023-1 BONANZA 1023-1	103-14 mothor 1023-1 103-160	Skylio	TI.	MB NGIN	BOS OS TO	N84° (To 1377.9 Hole) S68°27 (To 1377.9 Hole)	55'4 O BO 6' Az 73'34' 80'10' Botto	(43 URVEYING	75) 789-1365 , INC.
WELL WELL	AZ = 2 N Gee Oil 6 8th Street - D PAD - BC LL PAD INTI	& Gas Cenver, Color DNANZA ERFERENC	Onshore, ado 80202 1023-16 E PLAT 511CS,	J	BONANZA	9 BONANZA 1023-1	103-1 (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	SASINO	A STOROGO	30,9 x(0) (10) (10) (10) (10) (10) (10) (10) (ERLI NORTH 30	N84° (To 1377.9 Hole) S68°27 (To 1377.9 Hole)	55'4 O BO 6' Az 73'34' 80'10' Botto	11.60722° Sittom Hole) 11.60722° 14.73.55 16.31.30 16.31.30 URVEYING IAL, UTAH 840	55) 789-1365 , INC. 78
WELL WELL WELL WELL WELL WELL WELL WELL	AZ = 2 N Gee Oil a 8th Street - D PAD - BC LL PAD INTI ELLS - BONAN 1023-1614BS	& Gas Cenver, Color DNANZA ERFERENC NZA 1023-16, BONANZA	Onshore, ado 80202 1023-16 E PLAT 511CS, 1023-1614C	s,	BONANZA	SO DO	103-1 (103-103-103-103-103-103-103-103-103-103-		A STOROGO	MB NGIN 209 N SURVE	ERLI NORTH 30	N84° (To 1377.9 Hole) S68°27 (To 1377.9 Hole)	55'4 O BO 6' AZ 13'34' AZ 19' 9' BOTTO	171.60722° Sittom Hole) 171.60722° 1423.55 1433.55 1637.30 1637.30 URVEYING URVEYING IAL, UTAH 840	75) 789-1365 , INC.
WELL WELL WI BONANZA BONANZA	AZ = 2 N Gee Oil a 8th Street - D PAD - BC LL PAD INTI ELLS - BONAN 1023-1614BS 1023-164BS	& Gas Cenver, Color DNANZA ERFERENC NZA 1023-16 , BONANZA 6, BONANZA	Onshore, rado 80202 1023-16 E PLAT 511CS, 1023-1614CA 1023-16P16	s,	BONANZA	CON TO	1.520 AZ 10.30 HOJE 10.30 PZ 10.30 HOJE 10.30 PZ 10.30 HOJE 10.30 PZ 10.30	eet	BOITOIN E	MB NGIN 209 N SURVE	ERLI WEERING NORTH 30	N84° (To 1377.9 Hole) S68° (To 1377.9 Hole) S68° (To 1377.9 Hole) NE G & LANDO WEST - SURVEY	55'4 O BO 6' Az 73'34'36'ttc Az 70'79'Bottc ND Si VERN	(43 URVEYING IAL, UTAH 840	55) 789-1365 , INC.
WELL WI BONANZA BONANZA BONANZA	AZ = 2 N Gee Oil a 8th Street - D PAD - BC LL PAD INTI ELLS - BONAN 1023-1614BS	& Gas Cenver, Color DNANZA ERFRENCE, BONANZA 3, BONANZA 35 & BONANZA 35 & BONANZA	Onshore, ado 80202 1023-16 E PLAT 511CS, 1023-16HC 1023-16PH	s,	BONANZA	CONTROL 10.2 10.3 10.4 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5	103-1 (103-103-103-103-103-103-103-103-103-103-	eet 1	03/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/	MB NGIN 209 N SURVE	ERLI WEERING NORTH 30 YED:	N84° (To 1377.9 Hole) S68° 270	55'4 O BO 6' AZ 73'34' VERN ND SI VERN I BY: T.	(43 URVEYING IAL, UTAH 840 J.R.	55) 789-1365 , INC. 78

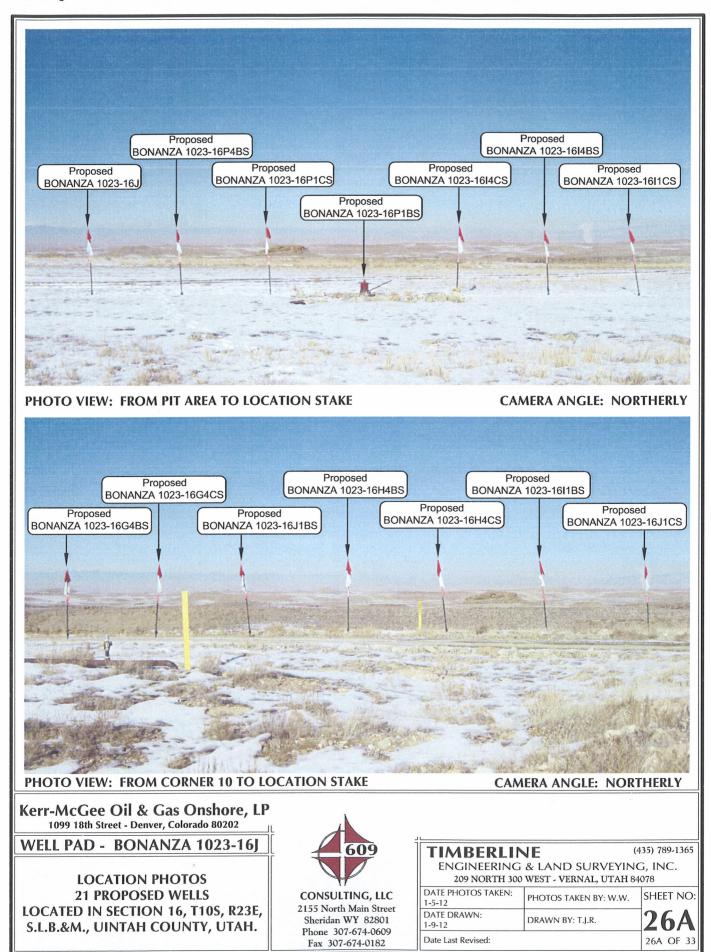
			SURFACE POS	SITION			<u> </u>			OTTOM HOLE		
WELL NAME	NA	D83	JORIACETOS	NAD27				NAD		NAI	D27	
	LATITUDE	LONGIT				FOOTAGES	LATIT		LONGITUDE	LATITUDE	LONGITUDE	FOOTAGES
BONANZA 1023-16 1CS	39°56'51.875" 39.947743°	109°19'48 109.33002			03470	2132' FSL 2114' FEL	39°56'5 39.9477		109°19'44.299" 109.328972°	39°56'52.155" 39.947821°	109°19'41.861' 109.328295°	2149' FSL 1819' FEL
BONANZA	39°56'51.872"				145.779"	2132' FSL	39°56'5		109°19'27.290"	39°56'55.379"	109.328293	2478' FSL
1023-16l1BS	39.947742°	109.33006	1° 39.94777	6° 109.32		2124' FEL	39.9486	583°	109.324247°	39.948717°	109.323570°	496' FEL
BONANZA	39°56¹51.870"				45.907"	2132' F\$L	39°56'5 39.9494		109°19'27.287"	39°56'58.300"		
1023-16H4CS BONANZA	39.947742° 39°56'51.868"	109.33009 109°19'48			9419° 146.036"	2134' FEL 2132' FSL	39.9492 39°57'0		109.324246° 109°19'27.304"	39.949528° 39°57'01.561"	109.323569° 109°19'24.867'	496' FEL 2147' FNL
1023-16H4BS	39.947741°	109.33013				2144' FEL	39.9504		109.324251°	39.950433°	109.323574°	496' FEL
BONANZA	39°56'51.865"				46.164	2131' FSL	39°56'5		109°19'44.2 7 3"	39°56'55.425"	109°19'41.834'	
1023-16J1BS BONANZA	39.947740° 39°56'51.863"	109.33016			9490° '46,293"	2154' FEL 2131' FSL	39.9486 39°56'5		109.328965° 109°19'44.270"	39.948729° 39°56'58.282"	109.328287° 109°19'41.832'	1819' FEL 2479' FNL
1023-16G4CS	39.947740°	109°19'48 109.33020				2164' FEL	39.9494		109.328964°	39.949523°	109-19-41.632 109.328287°	1819' FEL
BONANZA	39°56'51.861"				46.422	2131' FSL	39°57'0	1.431"	109°19'44.288"	39°57'01.552"	109°19'41.850'	
1023-16G4BS	39.947739°	109.33023				2174' FEL	39.9503		109.328969°	39.950431°	109.328292°	1819' FEL
				IVE COORD								
WELL NAME	NORTH	EAST	WELL NAME	NORTH	EAST		NAME	NORT	TH EAST	WELL NAM	IE NORTH	EAST
BONANZA 1023-16/1CS	16.51	295.21	BONANZA 1023-1611BS	345.21	1629.	81 BONA	NZA 16H4CS	641.	1' 1639.5'	BONANZA 1023-16H4	971.3'	1647.7'
WELL NAME	NORTH	EAST	WELL NAME	NORTH	EAST		NAME	NORT	TH EAST	1020-10114		<u> </u>
BONANZA	348.6'	336.8'	BONANZA	637.9'	346.6	BONA	NZA	969.				
1023-16J1BS	340.0	330.0	1023-16G4CS	037.9	340.0	1023-	6G4BS	202.				
		, N			120°05'20.10194°	Conton Hole)	1,500,500 (0,500,500) (0,500,500) (0,500,500)	100 - 100 -	745 745	Addition Hole Bottom Hole A 28 50 1 TO	8012.70' 0912.70' Bottom Hole 7=68.64417' 7=68.64417' 38'39'E - 17	60.37
				10'	10, 10, 1	0' 10' 10'		/		Noe - N78°(z=78.04083 02'27"E - 16 0 Bottom H 47'39"E - 29	65.981 ole)
AZ = 2	°33'26"W_ 268.55722			1023-16G4BS	7 1023-16C4C5 • 7 1023-16J1BS • 7 1023-16H4BS • 7	A 1023-16H4CS • A 1023-16HBS • A 1023-16J1CS • A 1023-16J1CS				——— _A .	z=86.79417 Bottom Ho	Ŭ
109		ALE	-09		BONANZA BONANZ BONANZ	BONANZA BONANZ BONANZ BONANZ			THE SE ¼ S.L.B.&M GLOBAL	OF SECTION . WHICH IS T. POSITIONING		Ε,
1099 18	8th Street - De	nver, Colo		—				<u></u>				
WELL P	AD: BO	NANZ	A 1023-16	5)	#	609			MBERLI		•	35) 789-1365
	L PAD INTE			 iř				E	NGINEERIN			
	LLS - BONAN			II .	`			-		00 WEST - VER	NAL, UTAH 84	
BONANZA 1	1023-16 <mark> 1BS</mark> ,	BONANZ/	1023-16H4C			ULTING, LI		DATE 1-5-12	SURVEYED:	SURVEYED B	Y: W.W.	SHEET NO:
			A 1023-16J1BS			orth Main Str		1	DRAWN:			22D
	023-16G4CS -	& BONAN	ZA 1023-16G4	BS		an WY 8280		1-10-1		DRAWN BY:	L.J.R.	: / / K
	TED IN SECTI	ON 14 T4	UC DJJE			307-674-060						440

		SU	RFACE POSITIO)N						B	OTTOM HOLE		
WELL NAME		083		D27				NAE			NAI		
BONANZA	39°56'51,253"	LONGITUDE 109°19'51.197"	39°56'51.375"		HTUDE_ 48.759	2069' FSL	39°57'(NGITUDE 9'44.292"	39°57'04.813"	LONGITUDE 109°19'41.854"	1818' FNL
1023-16G1CS	39.947570°	109.330888°	39.947604°	109.330	0211°	2356' FEL	39.951	303°	109.3	28970°	39.951337°	109.328293°	1818' FEL
BONANZA 1023-16G1BS	39°56'51.195" 39.947554°	109°19'51.303" 109.330917°	39°56'51.316" 39.947588°	109°19 109.330		2063' FSL 2364' FEL	39°57'(39.952			9'44.310" 28975°	39°57'08.083" 39.952245°	109°19'41.871" 109.328298°	1487' FNL 1818' FEL
BONANZA	39°56'51.137"	109:330917 109°19'51.404"	39°56'51.259"		-	2057' FSL	39°57'1		_	9'44.327"	39°57'11.353"	109.328298 109°19'41.889"	
1023-16B4CS	39.947538° 39°56'51.077"	109.330946°	39.947572°	109.330		2372' FEL	39.953	$\overline{}$		28980°	39.953154°	109.328302°	1818' FEL
BONANZA 1023-16J4CS	39°56'51.0//" 39.947521°	109°19'51.508" 109.330974°	39°56'51.199" 39.947555°	109°19'		2051' FSL 2380' FEL	39°56'4 39.945			9'44.365 " 28990°	39°56'45.625" 39.946007°	109°19'41.927" 109.328313°	1488' FSL 1820' FEL
BONANZA	39°56'51.020"	109°19'51.611"	39°56'51.142"	109°19'	49.172"	20451 FSL	39°56'4			9'44.392"	39°56'42.354"	109°19'41.954"	1157' FSL
1023-16O1BS BONANZA	39.947506° 39°56'50.961"	109.331003° 109°19'51.715"	39.947539° 39°56'51.083"	109.330 109°19'		2388' FEL 2039' FSL	39.945 39°56'3			28998° 9'44.418"	39.945098° 39°56'39.094"	109.328320° 109°19'41.980"	1820' FEL 827' FSL
1023-16O1CS	39.947489°	109.331032°	39.947523°	109.330		2396' FEL	39.944	159°	109.3	29005°	39.944193°	109.328328°	1820' FEL
BONANZA 1023-16O4BS	39°56'50.902" 39.947473°	109°19'51.818" 109.331061°	39°56'51.024" 39.947507°	109°19'		2033' FSL 2404' FEL	39°56'3			9'44.445" 29012°	39°56'35.824" 39.943284°	109°19'42.007" 109.328335°	496' FSL 1820' FEL
1023-100-103	33.347 473	109.331001			-	From Surface	<u> </u>				33.343204	109.320333	1 1020 FEL
WELL NAME	NORTH	EAST WE		ORTH	EAS	- 11	NAME	NOR		EAST	WELL NAM	E NORTH	EAST
BONANZA	1360.9'	535.91 BON	NANZA 1	697.9'	542.2	BONA	NZA	2034		548.2'	BONANZA	-563 3 ¹	557.31
1023-16G1CS WELL NAME	NORTH	102	3-16G1BS	ORTH	EAS	1023-	NAME	NOR		EAST	1023-16J4C	5	L
BONANZA	-888.6¹		IANIZA	212.6'	570.2	PONA		-1537		576.7'	-		i
1023-16O1BS	-0000-0		3-16O1CS -1	2 1 Z . U	3/0.2	1023-	16O4BS	-133/	.0	3/0./			
,09	-0g S C	ALE 553,3609	.09	6012112 1023.16	1003.1601C5 (TO 500	10.3. 160.4CS (2) S20°33'34"E-1642: 10.3. 160.4CS (2) S20°33'34"E-1640: 10.3. 160.4CS (2) S20°33'34"E-1642: 10.3. 160.4CS (2) S20°33'33'34"E-1642: 10.3. 160.4CS (2) S20°33'33'34"E-1642: 10.3. 160.4CS (2) S20°33'33'34"E-1642: 10.3. 160.4CS (2) S20°33'33'34"E-1642: 10.3. 160.4CS (2) S20°33'33'35'35'35'35'35'35'35'35'35'35'35'3	10 10	(Sottom F	1782.35' Hole)		
BASIS OF BEARINGS IS THE EAST LINE OF THE SE \$\frac{1}{2}\$ OF SECTION 16, T10S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR \$000°16'19"W. Kerr-McGee Oil & Gas Onshore, LP 1099 18th Street - Denver, Colorado 80202 WELL PAD: BONANZA 1023-16J TIMBERLINE (435) 789-1365													
		RFERENCE PI		- -	1			11	NGII	NEERING	G & LAND S	SURVEYING	
		KFEKENCE PI ZA 1023-16G1C				+					00 WEST - VER	NAL, UTAH 840	
BONANZA	1023-16G1BS	BONANZA 102	3-16B4CS,	$\cdot \parallel$		SULTING, I		DATE 1-5-12	SURVI 2	EYED:	SURVEYED BY	Y: W.W.	SHEET NO:
		BONANZA 102: & BONANZA 10				Iorth Main S dan WY 828		DATE	DRAW	VN:	DRAWN BY:	T.I.R.	22 C
LOC	ATED IN SECT	ON 16, T10S, R	23E,			e 307-674-0		1-10-1				:	
S.L.I	3.&M., UINTAI	I COUNTY, ÚT	AH.	<u> </u>		307-674-018		SC	ALE:	1" = 60'	Date Last Rev	iseu:	22C OF 33









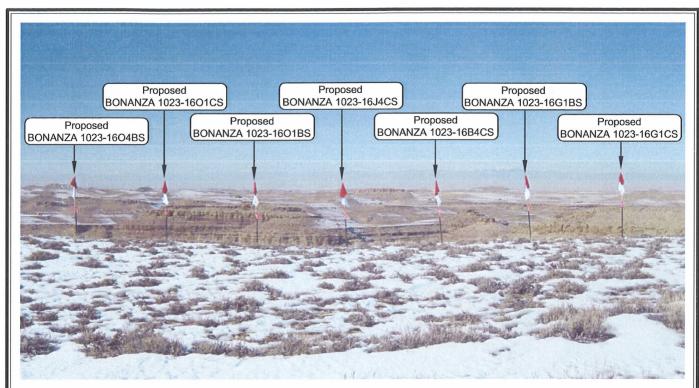


PHOTO VIEW: FROM LOCATION STAKE TO CORNER 12

CAMERA ANGLE: NORTHWESTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: WESTERLY

Kerr-McGee Oil & Gas Onshore, LP 1099 18th Street - Denver, Colorado 80202

WELL PAD - BONANZA 1023-16J

LOCATION PHOTOS
21 PROPOSED WELLS
LOCATED IN SECTION 16, T10S, R23E,
S.L.B.&M., UINTAH COUNTY, UTAH.



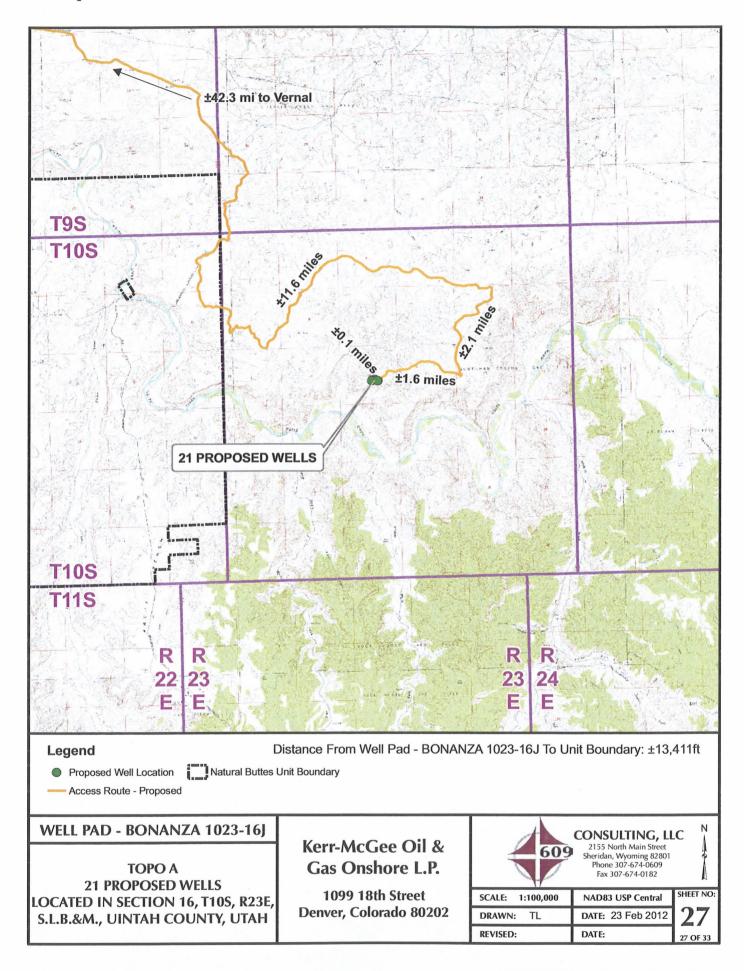
CONSULTING, LLC 2155 North Main Street Sheridan WY 82801 Phone 307-674-0609 Fax 307-674-0182

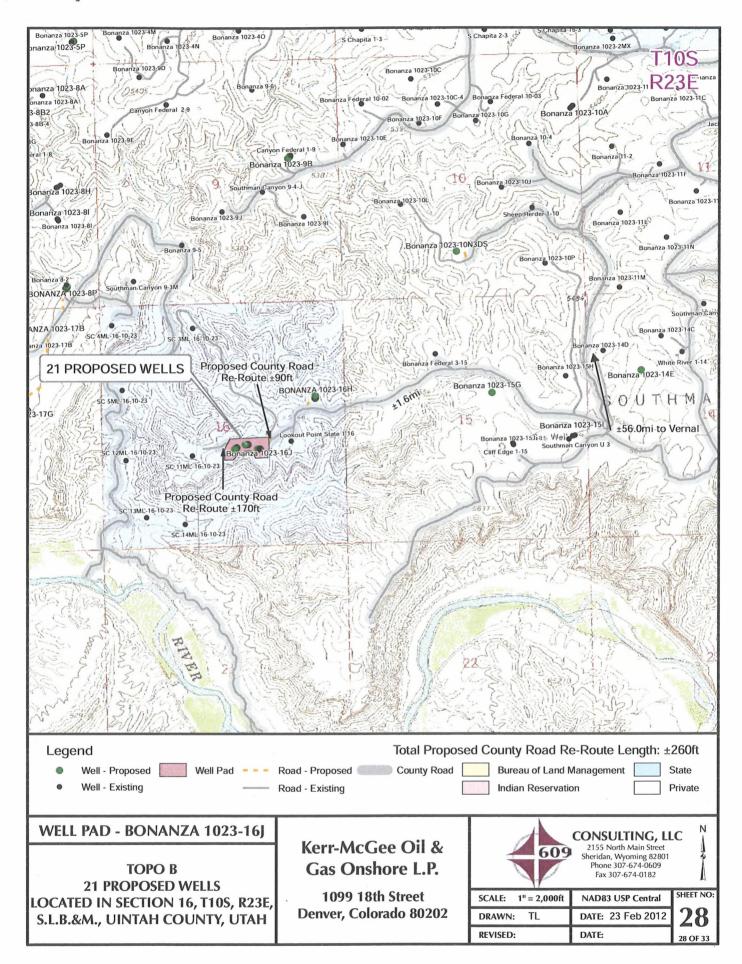
TIMBERLINE

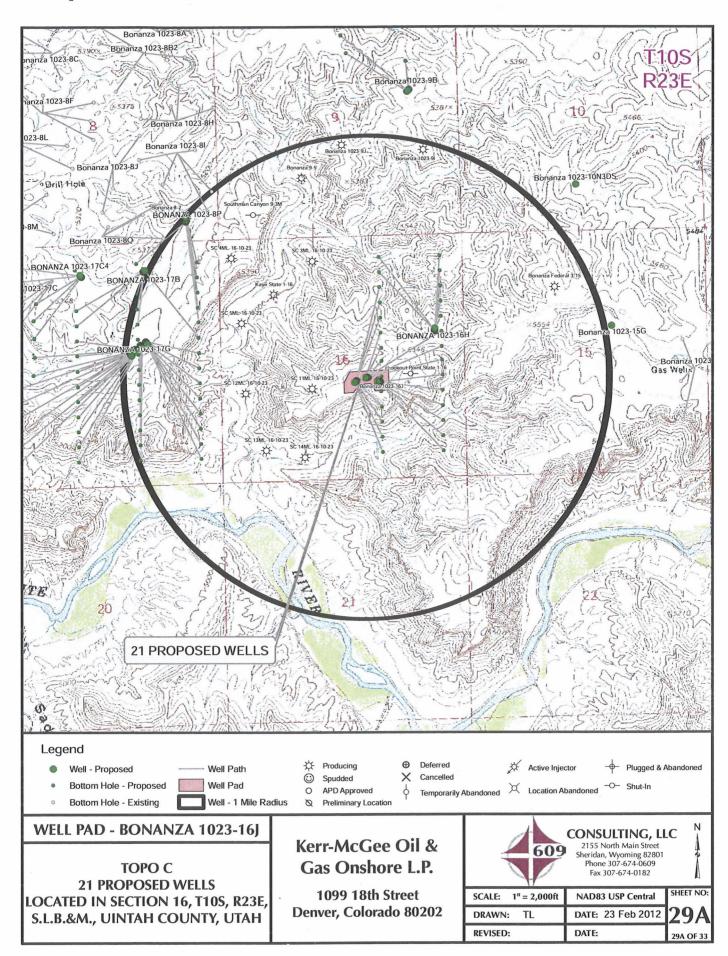
(435) 789-1365

ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE PHOTOS TAKEN: 1-5-12	PHOTOS TAKEN BY: W.W.	SHEET NO:
DATE DRAWN: 1-10-12	DRAWN BY: T.J.R.	26B
Date Last Revised:		26B OF 33







Proposed Well	Nearest Well Bore	Footage
BONANZA 1023-16I1CS	Lookout Point State 1-16	695ft
BONANZA 1023-1614BS	Lookout Point State 1-16	779ft
BONANZA 1023-1614CS	Lookout Point State 1-16	980ft
BONANZA 1023-16P1BS	Lookout Point State 1-16	1,238ft
BONANZA 1023-16P1CS	Lookout Point State 1-16	1,525ft
BONANZA 1023-16P4BS	Lookout Point State 1-16	1,825ft
BONANZA 1023-16J	Bonanza 1023-16J	213ft
BONANZA 1023-16J1CS	Bonanza 1023-16J	134ft
BONANZA 1023-16I1BS	Lookout Point State 1-16	744ft
BONANZA 1023-16H4CS	Lookout Point State 1-16	900ft
BONANZA 1023-16H4BS	Lookout Point State 1-16	1,140ft
BONANZA 1023-16J1BS	Bonanza 1023-16J	456ft
BONANZA 1023-16G4CS	Bonanza 1023-16J	743ft
BONANZA 1023-16G4BS	Bonanza 1023-16J	1,073ft
BONANZA 1023-16G1CS	Lookout Point State 1-16	1,394ft
BONANZA 1023-16G1BS	Lookout Point State 1-16	1,695ft
BONANZA 1023-16B4CS	SC 3ML-16-10-23	1,565ft
BONANZA 1023-16J4CS	Bonanza 1023-16J	543ft
BONANZA 1023-1601BS	Bonanza 1023-16J	873ft
BONANZA 1023-1601CS	Bonanza 1023-16J	1,202ft
BONANZA 1023-1604BS	Bonanza 1023-16J	1,533ft

Well locations derived from Utah Division of Oil, Gas and Mining (UDOGM) (oilgas.ogm.utah.gov).

The estimated distances from proposed bore locations to the nearest existing bore locations are based on UDOGM data.

WELL PAD - BONANZA 1023-16J

TOPO C
21 PROPOSED WELLS
LOCATED IN SECTION 16, T10S, R23E,
S.L.B.&M., UINTAH COUNTY, UTAH

Kerr-McGee Oil & Gas Onshore L.P.

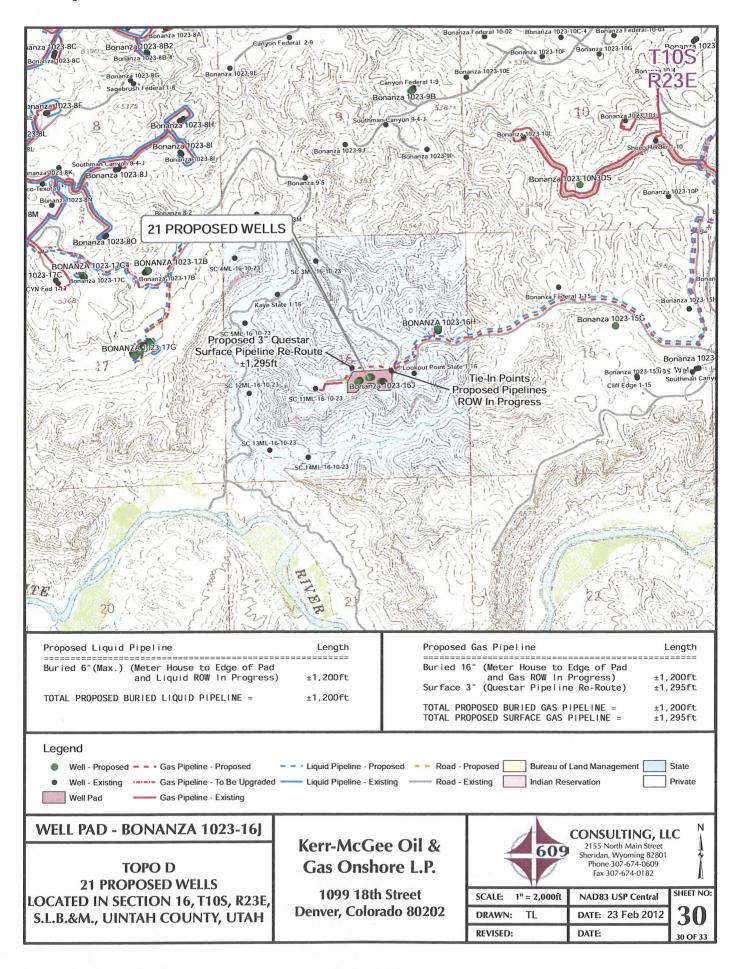
1099 18th Street Denver, Colorado 80202

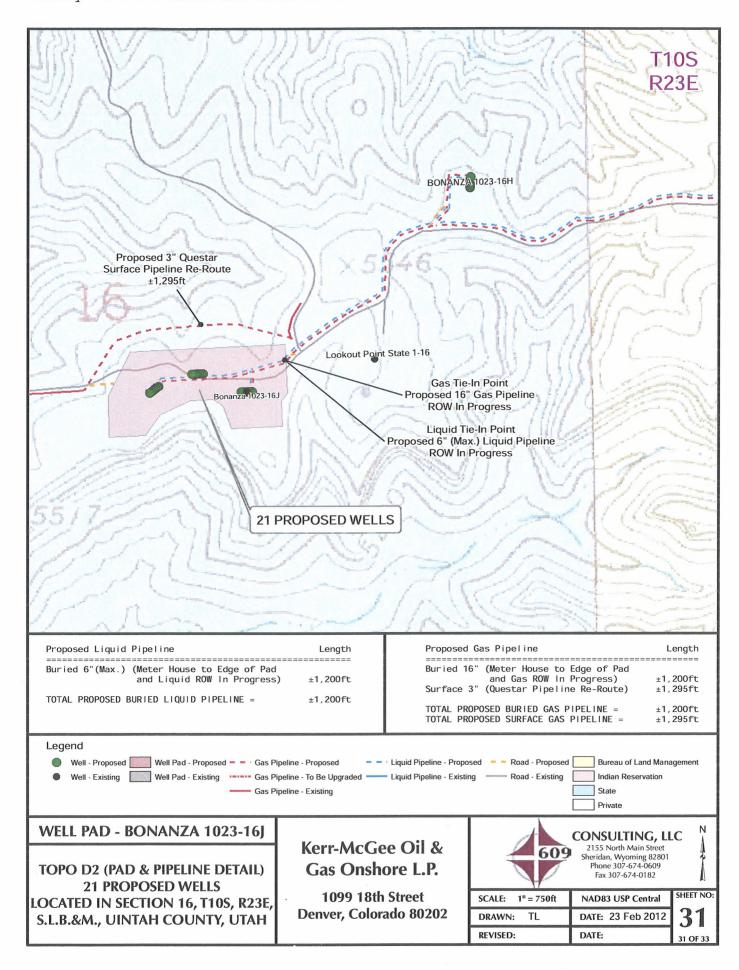


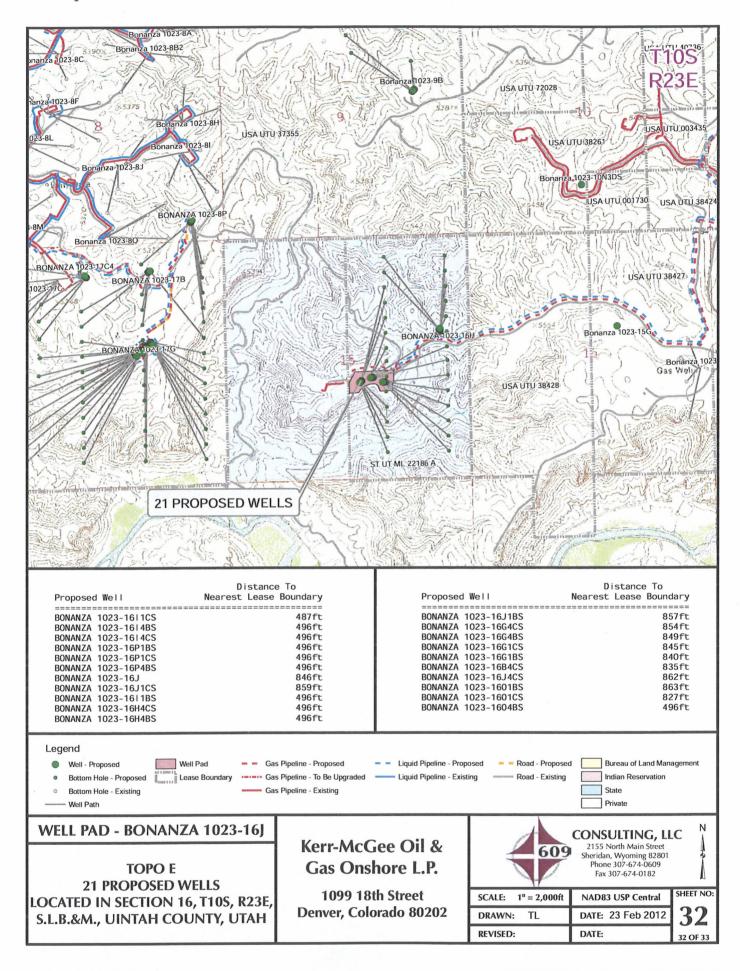
CONSULTING, LLC

2155 North Main Street Sheridan, Wyoming 82801 Phone 307-674-0609 Fax 307-674-0182

SCALE:	N/A	NAD83 USP Central	SHEET NO:
DRAWN:	TL	DATE: 23 Feb 2012	29B
REVISED:		DATE:	29B OF 33







Sundry Number: 26802 APTojete LUTANutribut feet & NABE 7,3260 120000 Scientific Drilling

Site: BONANZA 1023-16

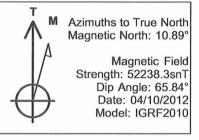
Well: BONANZA 1023-16J

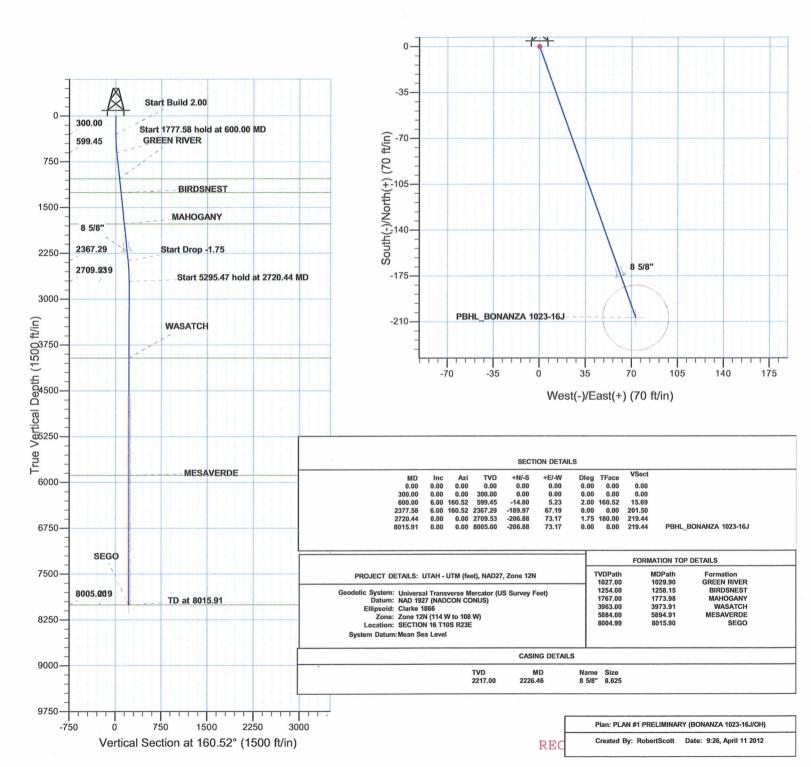
Wellbore: OH

Design: PLAN #1 PRELIMINARY











US ROCKIES REGION PLANNING

UTAH - UTM (feet), NAD27, Zone 12N BONANZA 1023-16 BONANZA 1023-16J

OH

Plan: PLAN #1 PRELIMINARY

Standard Planning Report

11 April, 2012





SDI Planning Report



Database: Company:

EDM5000-RobertS-Local

US ROCKIES REGION PLANNING

Project: Site:

UTAH - UTM (feet), NAD27, Zone 12N **BONANZA 1023-16**

Well:

BONANZA 1023-16J

Wellbore:

ОН

Design:

PLAN #1 PRELIMINARY

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well BONANZA 1023-16J

GL 5494 & KB 4 @ 5498.00ft (ASSUMED) GL 5494 & KB 4 @ 5498.00ft (ASSUMED)

True

Minimum Curvature

Project

UTAH - UTM (feet), NAD27, Zone 12N

Map System: Geo Datum:

Universal Transverse Mercator (US Survey Feet)

NAD 1927 (NADCON CONUS)

System Datum:

Mean Sea Level

Map Zone:

Zone 12N (114 W to 108 W)

Site

BONANZA 1023-16, SECTION 16 T10S R23E

Site Position:

Lat/Long

Northing:

14,511,313.85 usft

Latitude:

Longitude:

From:

Easting:

2,108,931.45 usft

39.947493

Position Uncertainty:

0.00 ft Slot Radius: 13.200 in

Grid Convergence:

-109.328403

1.07

Well

BONANZA 1023-16J, 1821 FSL 1834 FEL

Well Position

+N/-S +E/-W

-1.46 ft -59.99 ft Northing: Easting:

14,511,311.27 usft

Latitude: Longitude:

39.947489 -109.328617

Position Uncertainty

0.00 ft

IGRF2010

Wellhead Elevation:

04/10/12

2,108,871.50 usft

Ground Level:

65.84

5,494.00 ft

52,238

Wellbore

ОН

Magnetics

Model Name

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

PLAN #1 PRELIMINARY

Design

Audit Notes:

Phase:

0.00

PLAN

Tie On Depth:

10.89

Version:

+N/-S

+E/-W

0.00 Direction

Vertical Section:

Depth From (TVD) (ft)

(ft) 0.00

(ft) 0.00

(°) 160.52

lan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
										-
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	6.00	160.52	599.45	-14.80	5.23	2.00	2.00	0.00	160.52	
2,377.58	6.00	160.52	2,367.29	-189.97	67.19	0.00	0.00	0.00	0.00	
2,720.44	0.00	0.00	2,709.53	-206.88	73.17	1.75	-1.75	0.00	180.00	
8,015.91	0.00	0.00	8,005.00	-206.88	73.17	0.00	0.00	0.00	0.00	PBHL_BONANZA 10

RECEIVED: Jun. 15, 2012



SDI Planning Report



Database: Company: EDM5000-RobertS-Local

US ROCKIES REGION PLANNING

Project: Site:

UTAH - UTM (feet), NAD27, Zone 12N BONANZA 1023-16

Well:

BONANZA 1023-16J

Wellbore:

ОН

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Well BONANZA 1023-16J

GL 5494 & KB 4 @ 5498.00ft (ASSUMED) GL 5494 & KB 4 @ 5498.00ft (ASSUMED)

Minimum Curvature

sign:	PLAN #1 PRE	LIMINARY				*			
anned Survey	· · · · · · · · · · · · · · · · · · ·				_				
Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00		0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build			*****						
400.00		160.52	399.98	-1.65	0.58	1.75	2.00	2.00	0.00
500.00	4.00	160.52	499.84	-6.58	2.33	6.98	2.00	2.00	0.00
600.00		160.52	599.45	-14.80	5.23	15.69	2.00	2.00	0.00
			399,43	-14.00	3.23	13.03	2.00	2.00	0.00
	.58 hold at 600.00								
700.00		160.52	698.90	-24.65	8.72	26.15	0.00	0.00	0.00
800.00		160.52	798.36	-34.50	12.20	36.60	0.00	0.00	0.00
900.00	6.00	160.52	897.81	-44.36	15.69	47.05	0.00	0.00	0.00
1,000.00	6.00	160.52	997.26	-54.21	19.17	57.51	0.00	0.00	0.00
1,029.90		160.52	1,027.00	-54.21 -57.16	20.22	60.63	0.00	0.00	0.00
		160.52	1,027.00	-57.10	20.22	00.03	0.00	0.00	0.00
GREEN RI		4							
1,100.00		160.52	1,096.71	-64.07	22.66	67.96	0.00	0.00	0.00
1,200.00		160.52	1,196.17	-73.92	26.15	78.41	0.00	0.00	0.00
1,258.15	6.00	160.52	1,254.00	<i>-</i> 79.65	28.17	84.49	0.00	0.00	0.00
BIRDSNES	ST								
1,300.00	6.00	160.52	1,295.62	-83.78	29.63	88.86	0.00	0.00	0.00
1,400.00		160.52	1,395.07	-93.63	33.12	99.32	0.00	0.00	0.00
1,500.00		160.52	1,494.52	-103.49	36.60	109.77	0.00	0.00	0.00
1,600.00		160.52	1,593.97	-113.34	40.09	120.22	0.00	0.00	0.00
1,700.00		160.52	1,693.43	-123.20	43.57	130.67	0.00	0.00	0.00
1,700.00	0.00	100.32	1,080.40	-123.20	45.57	150.07		0.00	0.00
1,773.98		160.52	1,767.00	-130.49	46.15	138.41	0.00	0.00	0.00
MAHOGAN		400	4 === ==		47.00	444.40		2.22	
1,800.00		160.52	1,792.88	-133.05	47.06	141.13	0.00	0.00	0.00
1,900.00		160.52	1,892.33	-142.91	50.54	151.58	0.00	0.00	0.00
2,000.00		160.52	1,991.78	-152.76	54.03	162.03	0.00	0.00	0.00
2,100.00	6.00	160.52	2,091.23	-162.61	57.51	172.49	0.00	0.00	0.00
2,200.00	6.00	160.52	2,190.69	-172.47	61.00	182.94	0.00	0.00	0.00
•		160.52			61.92	185.70	0.00	0.00	0.00
2,226.46	0.00	160.52	2,217.00	-175.08	01.52	103.70	0.00	0.00	0.00
8 5/8"									
2,300.00		160.52	2,290.14	-182.32	64.49	193.39	0.00	0.00	0.00
2,377.58	6.00	160.52	2,367.29	-189.97	67.19	201.50	0.00	0.00	0.00
Start Drop	-1.75								
2,400.00		160.52	2,389.60	-192.11	67.95	203.77	1.75	-1.75	0.00
0.500.00			0.400.05						
2,500.00		160.52	2,489.25	-199.88	70.70	212.02	1.75	-1.75	0.00
2,600.00		160.52	2,589.12	-204.79	72.43	217.22	1.75	-1.75	0.00
2,700.00		160.52	2,689.09	-206.82	73.15	219.37	1.75	-1.75	0.00
2,720.44		0.00	2,709.53	-206.88	73.17	219.44	1.75	-1.75	0.00
Start 5295.	47 hold at 2720.44	\$ MD							
2,800.00	0.00	0.00	2,789.09	-206.88	73.17	219.44	0.00	0.00	0.00
2,900.00	0.00	0.00	2.889.09	-206.88	73.17	219.44	0.00	0.00	0.00
3,000.00		0.00	2,989.09	-206.88	73.17	219.44	0.00	0.00	0.00
3,100.00		0.00	3,089.09	-206.88	73.17	219.44	0.00	0.00	0.00
3,700.00		0.00	3,189.09	-206.88	73.17	219.44	0.00	0.00	0.00
,			•	-206.88					
3,300.00	0.00	0.00	3,289.09	-∠∪0.88	73.17	219.44	0.00	0.00	0.00
3,400.00	0.00	0.00	3,389.09	-206.88	73.17	219.44	0.00	0.00	0.00
3,500.00		0.00	3,489.09	-206.88	73.17	219.44	0.00	0.00	0.00
3,600.00		0.00	3,589.09	-206.88	73.17	219.44	0.00	0.00	0.00
3,700.00		0.00	3,689.09	-206.88	73.17	219.44	0.00	0.00	0.00
3,800.00		0.00	3,789.09	-206.88	73.17	219.44	0.00	0.00	0.00
3,000.00	0.00	0.00	5,705.05	-200.00	13.11	£ 10.77	0.00	0.00	0.00

RECEIVED: Jun. 15, 2012



SDI Planning Report



Database: Company: EDM5000-RobertS-Local

US ROCKIES REGION PLANNING

Project: Site:

BONANZA 1023-16 BONANZA 1023-16J

Well:

Weilbore: ОН Danies.

7,700.00

7,800.00

7,900.00

8,000.00

8,015.90

8,015.91

SEGO

0.00

0.00

0.00

0.00

0.00

0.00 TD at 8015.91 - PBHL_BONANZA 1023-16J

0.00

0.00

0.00

0.00

0.00

0.00

7,689.09

7,789.09

7,889.09

7,989.09

8,004.99

8,005.00

DI AN #1 DDELIMINARY

UTAH - UTM (feet), NAD27, Zone 12N

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method:

Well BONANZA 1023-16J

GL 5494 & KB 4 @ 5498.00ft (ASSUMED) GL 5494 & KB 4 @ 5498.00ft (ASSUMED)

True

Minimum Curvature

nned Survey										
									_	
Measured			Vertical			Vertical	Dogleg	Build	Turn	
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate	
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	
3,900.00	0.00	0.00	3,889.09	-206.88	73.17	219.44	0.00	0.00	0.00	
3,973.91	0.00	0.00	3,963.00	-206.88	73.17	219.44	0.00	0.00	0.00	
WASATCH										
4,000.00	0.00	0.00	3,989.09	-206.88	73.17	219.44	0.00	0.00	0.00	
4,100.00	0.00	0.00	4,089.09	-206.88	73.17	219.44	0.00	0.00	0.00	
4,200.00	0.00	0.00	4,189.09	-206.88	73.17	219.44	0.00	0.00	0.00	
	0.00	0.00	4,289.09	-206.88	73.17	219,44	0.00	0.00	0.00	
4,300.00	0.00	0.00	4,289.09	-206.88	73.17 73.17	219.44 219.44	0.00	0.00	0.00	
4,400.00 4,500.00	0.00	0.00	4,489.09	-206.88	73.17	219.44	0.00	0.00	0.00	
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5,300.00	0.00	0.00	5,289.09	-206.88	73.17	219.44	0.00	0.00	0.00	
5,400.00	0.00	0.00	5,389.09	-206.88	73.17	219.44	0.00	0.00	0.00	
5,500.00	0.00	0.00	5,489.09	-206.88	73.17	219.44	0.00	0.00	0.00	
5,600.00	0.00	0.00	5,589.09	-206.88	73.17	219.44	0.00	0.00	0.00	
5,700.00	0.00	0.00	5,689.09	-206.88	73.17	219.44	0.00	0.00	0.00	
5,800.00	0.00	0.00	5,789.09	-206.88	73.17	219.44	0.00	0.00	0.00	
5,894.91	0.00	0.00	5,884.00	-206.88	73.17	219.44	0.00	0.00	0.00	
MESAVERDE		0.00	0,001.00	200,00	7		0.00	0.00	0.00	
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7,000.00	0.00	0.00	6,989.09	-206.88	73.17	219.44	0.00	0.00	0.00	
7,100.00	0.00	0.00	7,089.09	-206.88	73.17	219.44	0.00	0.00	0.00	
7,200.00	0.00	0.00	7,189.09	-206.88	73.17	219.44	0.00	0.00	0.00	
7,300.00	0.00	0.00	7,289.09	-206.88	73.17	219.44	0.00	0.00	0.00	
7,400.00	0.00	0.00	7,389.09	-206.88	73.17	219.44	0.00	0.00	0.00	
7,500.00	0.00	0.00	7,489.09	-206.88	73.17	219.44	0.00	0.00	0.00	
7,600.00	0.00	0.00	7,589.09	-206.88	73.17	219.44	0.00	0.00	0.00	

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RECEIVED: Jun. 15, 2012

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SDI Planning Report



Database: Company: Project:

Site:

EDM5000-RobertS-Local

US ROCKIES REGION PLANNING

UTAH - UTM (feet), NAD27, Zone 12N BONANZA 1023-16

Well:

BONANZA 1023-16J

Wellbore:

Design:

PLAN #1 PRELIMINARY

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Well BONANZA 1023-16J

GL 5494 & KB 4 @ 5498.00ft (ASSUMED) GL 5494 & KB 4 @ 5498.00ft (ASSUMED)

True

Minimum Curvature

Design Targets	·								
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL_BONANZA 1023- - plan hits target cen - Circle (radius 25.00	ter	0.00	8,005.00	-206.88	73.17	14,511,105.80	2,108,948.53	39.946921	-109.328356

Cas	ing Points						
	Measured	Vertical			Casing	Hole	
	Depth (ft)	Depth (ft)		Name	Diameter (in)	Diameter (in)	
1	(10)	(14)		riame			
	2,226.46	2,217.00	8 5/8"		8.625	11.000	

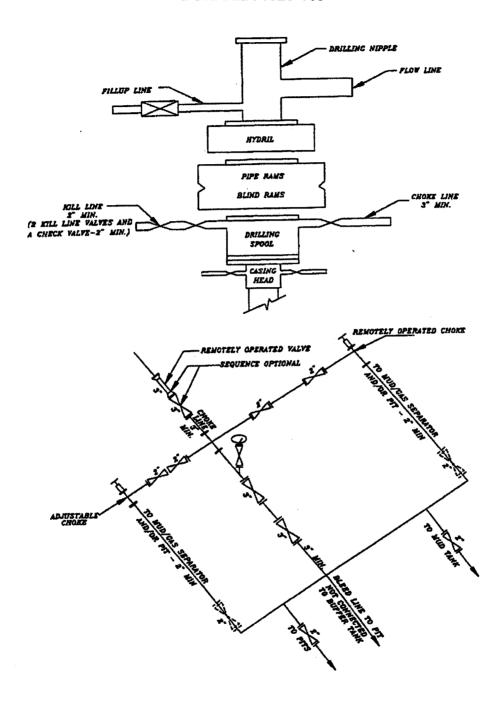
Formations								
	Measured Depth (ft)	Vertical Depth (ft)		Name	Lithology	Dip (°)	Dip Direction (°)	
	1,029.90	1,027.00	GREEN RIVER					
	1,258.15	1,254.00	BIRDSNEST					
	1,773.98	1,767.00	MAHOGANY					
	3,973.91	3,963.00	WASATCH					
	5,894.91	5,884.00	MESAVERDE					
	8,015.90	8,004.99	SEGO			0.00		

Plan Annotation	ons					* .
	Measured	Vertical	Local Coon	dinates		
	Depth	Depth	+N/-S	+E/-W		
	(ft)	(ft)	(ft)	(ft)	Comment	
	300.00	300.00	0.00	0.00	Start Build 2.00	
	600.00	599.45	-14.80	5.23	Start 1777.58 hold at 600.00 MD	
	2,377.58	2,367.29	-189.97	67.19	Start Drop -1.75	
	2,720.44	2,709.53	-206.88	73.17	Start 5295.47 hold at 2720.44 MD	
	8,015.91	8,005.00	-206.88	73.17	TD at 8015.91	

04/11/12 9:06:51AM COMPASS 5000.1 Build 40 Page 5

RECEIVED: Jun. 15, 2012

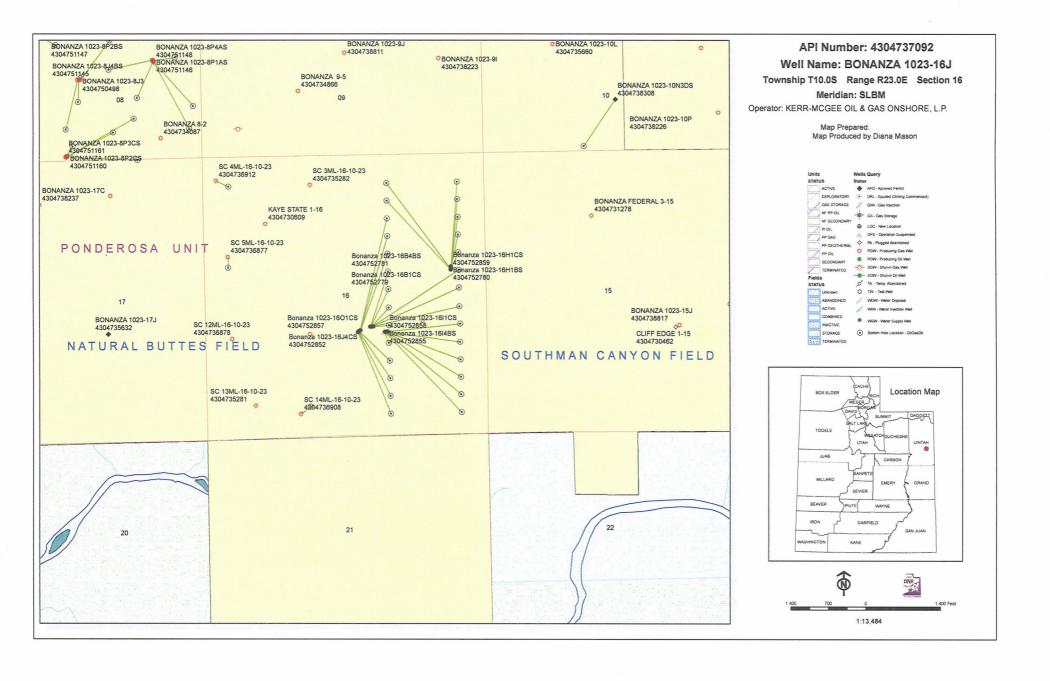
EXHIBIT A BONANZA 1023-16J



SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/15/2012		API NO. ASSIG	NED: 43-047	7-37092	7	
WELL NAME: BONANZA 1023-16J OPERATOR: KERR-MCGEE OIL & GAS (N2995) CONTACT: DANIELLE PIERNOT)	PHONE NUMBER:	720-929-615	6		
PROPOSED LOCATION:	•	INSPECT LOCATN	BY: /	/	7	
NWSE 16 100S 230E	;	Tech Review Initials Date				
SURFACE: 2028 FSL 1909 FEL BOTTOM: 1821 FSL 1834 FEL		Engineering	DKO	7//6/12	# 3 C	
COUNTY: UINTAH		Geology		11.9(2	1	
LATITUDE: 39.94718 LONGITUDE: -109.32935 UTM SURF EASTINGS: 642720 NORTHINGS: 4423	231	Surface			1	
LEASE TYPE: 3 - State LEASE NUMBER: ML-22186-A SURFACE OWNER: 3 - State RECEIVED AND/OR REVIEWED:		PROPOSED FORMAT COALBED METHANE DN AND SITING:		VD		
V Plat	R6	549-2-3.				
Bond: Fed[] Ind[] Sta[] Fee[]		PONDEROSA				
(No. 22013542) $(No. 22013542)$ Potash (Y/N)	R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells					
Oil Shale 190-5 (B) or 190-3 or 190-13						
Water Permit (No. 43-8496)		549-3-3. Excep	tion			
RDCC Review (Y/N) (Date:)	- ~	rilling Unit Board Cause No:	179-12			
MA Fee Surf Agreement (Y/N)	E S	Eff Date: Siting: 460 m	7.5-2005	5 trc 8970' fr	- W	
Intent to Commingle (Y/N)		549-3-11. Dire		•	יל <i>ע</i> 	
COMMENTS:					_	
STIPULATIONS: 1- ORIGINAL CONDIT						



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

July 10, 2012

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2012 Plan of Development Ponderosa Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2012 within the Ponderosa Unit, Uintah County, Utah.

API # WELL NAME LOCATION

(Proposed PZ WASATCH-MESA VERDE)

WELL PAD - 1023-16J

43-047-37092 Bonanza 1023-16J Sec 16 T10S R23E 2028 FSL 1909 FEL BHL Sec 16 T10S R23E 1821 FSL 1834 FEL

Surface casing for the well was set March 14, 2007 and drilling operations were suspended while the operator evaluated the addition of new wells to be drilled from the same pad location. Upon re-surveying this location, the operator discovered the originally permitted coordinates were incorrect. The surface location's actual footages are 2028' FSL 1909' FEL. In addition to this update, the operator is also requesting to change the Bottom Hole Location.

This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard, 0-Bureau of Land Management, out-Branch of Minerals, email-Michael Coulthard deblin, gov, c=US Date: 2012.07.1011:5722-06000

bcc: File - Ponderosa Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron

MCoulthard:mc:7-10-12



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining JOHN R. BAZA

Division Director

July 16, 2012

Kerr-McGee Oil & Gas P.O. Box 173779 Denver, CO 80217-3779

Subject: Bonanza 1023-16J Well, Surface Location 2028' FSL, 1909' FEL, NW SE, Sec. 16,

T. 10 South, R. 23 East, Bottom Location 1821' FSL, 1834' FEL, NW SE, Sec. 16.

T. 10 South, R. 23 East, Uintah County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 179-12. The expected producing formation or pool is the Wasatch-Mesa Verde Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37092.

Sincerely

John Rogers

Associate Director

JR/js Enclosures

cc: Uintah County Assessor

SITLA



Operator:	Kerr-McGee Oil & Gas					
Well Name & Number	Bonanza 1023-16J					
API Number:	Number: 43-047-37092					
Lease:	ML-22186-A					
Surface Location: NW SE	Sec. <u>16</u>	T. <u>10 South</u>	R. 23 East			
Bottom Location: <u>NW SE</u>	Sec. $\overline{\underline{16}}$	T. <u>10 South</u>	R. 23 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well contact Carol Daniels OR
 - Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to cementing or testing casing contact Dan Jarvis
- Within 24 hours of making any emergency changes made to the approved drilling program contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan contact Dustin Doucet
- Significant plug back of the well contact Dustin Doucet
- Plug and abandonment of the well contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

Carol Daniels (801) 538-5284 office
 Dustin Doucet (801) 538-5281 office (801) 733-0983 after office hours

Dan Jarvis at: (801) 538-5338 office

(801) 231-8956 after office hours

3. Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging
- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Original Approval apply.
- 6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

	STATE OF UTAH		FORM 9		
ι	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A		
SUNDR	Y NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	posals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.		7.UNIT or CA AGREEMENT NAME: PONDEROSA		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-16J		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	ISHORE, L.P.		9. API NUMBER: 43047370920000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	PHONE NUMBER: 17 3779 720 929-	9. FIELD and POOL or WILDCAT: 5NIATERAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2028 FSL 1909 FEL		COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSE Section: 1	STATE: UTAH				
11. CHECI	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOI	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
✓ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
Report Date: 4/5/2013		☐ SITA STATUS EXTENSION			
	WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:		
No Activity fo	or the month of March 2013	. Well TD at 40 ft.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 05, 2013		
NAME (PLEASE PRINT) Luke Urban	PHONE NUM 720 929-6501	BER TITLE Regulatory Specialist			
SIGNATURE N/A		DATE 4/5/2013			

Form 3 160-5 (August 1999)

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to_drill or_reenter an

ML 22186A 6. If Indian, Allottee or Tribe Name

FORM APPROVED

OMB No. 1004-0135 Expires Inovember 30, 2000

abandoned well.	Use Form 3160-3 (APD)	Asuk Aprol 68 FIN 3		
SUBMIT IN TRIPL	ICATE – Other instructi	ions on reverse side	,	CA/Agreement, Name and/or No. OSA UNIT #UTU88209A
1. Type of Well Oil Well Gas Well	Other		8. Well Name	
2. Name of Operator			BONANZA	
KERR-MCGEE OIL & GAS			9. API Well l	
3a. Address	36	,		
1368 SOUTH 1200 EAST, V		135) 781-7003		Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,			BONANZA	
Section: 2, 10, 11, 15 and	3, T10S-R23E;) SLB&M		11. County or	Parish, State
			UINTAH, U	JTAH
12. CHECK APP	ROPRIATE BOX(ES) TO INI	DICATE NATURE OF NO	OTICE, REPORT, OR (OTHER DATA
TYPE OF SUBMISSION	· · ·	TYPE OF	ACTION	
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	Fracture Treat	Production (Start/Resume) Reclamation Recomplete	Water Shut-Off Well Integrity Other
Subsequent respect	Change Plans	<u>-</u>	Temporarily Abandon	PIPELINE ROW
Final Abandonment Notice	Convert to Injection		Water Disposal	
If the proposal is to deepen directions Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fin KERR MCGEE OIL AND GA THE BONANZA 1023-16J P SF-299 UNDER AUM FOR A	rk will be performed or provide the operations. If the operation results is bandonment Notices shall be filed of all inspection. AS ONSHORE LP IS RECOND. AS THESE PIPELINES	Bond No. on file with BLM/B in a multiple completion or rec nly after all requirements, incl QUESTING TO INSTA WILL BE LOCATED	IA. Required subsequent re ompletion in a new interval uding reclamation, have be-	eports shall be filed within 30 days, a Form 3160-4 shall be filed once en completed, and the operator has
PLEASE REFER TO THE A	TTACHED POD AND MA	AP FOR COMPLETE	PROJECT DESCR	IPTION. RECEIVED
				MAR 2 2 2013
				DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing	is true and correct			THE CAU & WHUTTE
Name (Printed/Typed)	, is true and confect	Title		
Raleer	n White		Landman	
Signature	hito	Date	November 20, 20	012
- MADER V	THIS SPACE F	OR FEDERAL OR STATE	USE	
Approved by			Field Manage Pate ineral Resources	FEB 2 5 2013
Conditions of approval if apy are attached certify in the applicant holds legal or equivalent which would emitte the applicant to conduct	itable title to those rights in the subjec	rant or Office VFR	IAL FIELD OFFIC	E

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





PLAN OF DEVELOPMENT

2 -6" Buried Liquid Pipeline from Diablo to Section 16, T10S-R23E

Federal: Sections 10, 11, 14, 15-T10S-R23E
State: Section 2 and 16-T10S-R23E
Kerr-McGee Oil and Gas Onshore LP
Uintah County, Utah
PLAN OF DEVELOPMENT

Kerr-McGee Oil and Gas Onshore LP "KMOG" is proposing to install a 2- 6" buried liquid pipeline from the existing Diablo Station to Section 16, T10S, R23E on Federal and State Surface. This trench will be shared by with a 16" gas pipeline which is being filed concurrently.

The project will consist of the construction of a 2-6" buried liquid pipeline starting near the Diablo Station at the Bonanza evaporation pond located in the S/2SE of Section 2 where it heads South West into the NESE, SESE of Section 10, W/2NE, S/2NW, N/2SW, SWSW of Section 11, E/2NE, N/2SE, S/2N/2 of Section 15. The pipeline ends at the future well pad (Bonanza 1023-16J) of Section 16-T10S-R23E. Total distance of buried 2-6" on Federal surface is approximately 16,835" +/-.

The project will also consist of the construction of a 16" buried gas pipeline that is being filed concurrently with this POD and ROW by Anadarko Uinta Midstream, LLC (AUM).

Description of the Proposed Facility

Purpose and Need for the Right-of-Way

The 2-6" liquid line will be used to transport production water through the Natural Buttes Field to a central point where it can be hauled away or will be piped to a disposal pond or injected into a KMOG salt water disposal well. The 16" buried gas pipeline will be owned and operated by Anadarko Uintah Midstream, LLC. The 2-6" liquid line will be owned and operated by Kerr McGee Oil and Gas Onshore LP.

The 6" buried liquid line will have an operating pressure range of 100-750 psig, depending on produced water volumes. The buried liquid line will operate 24 hours per day, 365 days per year. The liquid line can reasonably be expected to remain in place for a term of thirty (30) years, or so long as needed to collect and transport liquids from Natural Buttes Field.

The need to bury the 2-6" liquid line is to minimize/eliminate truck hauling of produced liquids from well pads tied into a liquid gathering system, which will allow for more efficient gathering and transportation of liquids to existing water/oil treatment facilities.

Facility Design and Construction Factors

The 2-6" buried liquid line will be designed to operate at a maximum allowable operating pressure (MAOP) of 720 psig, but normal operating pressures will be around 75 psig.

The construction of the 2-6" liquid line will be utilizing the existing road and ROW during construction. The proposed liquid line will use a composite piping system of steel bands encased in polyethylene (manufactured by Flexsteel) delivered to the field in large pipe spools and installed using a swaged end fitting system. All construction work to string the flexsteel and make the pipe connections will take place along the proposed right-of-way.

Equipment needed to construct and lay the pipeline within the 30' permanent right-of-way would include trucks and flat bed trailers for stringing, a bending machine, welding rigs, side booms, trenchers and/or backhoes, bull dozers, and pick-up trucks. This equipment may be present on Project Area roads as each step of the construction process is completed. The total length of the complete installed pipeline will be approximately 25,905.54 +/-. Disturbance needed for construction will be 45' in width. Please see attached highlighted plat for details.

The trench would be mechanically cut and excavated with trenching equipment, such as a backhoe or trencher. The width of the trench would range from 18-48 inches. The trench would be constructed to a depth that would maintain 48 to 60 inches of normal soil cover or 24 inches of cover in consolidated rock. The buried 16" and 6" pipelines will be placed within the same trench. Large debris and rocks removed from the earth during trenching and blasting that could not be returned to the trench would be distributed evenly and naturally in the project area.

The 2-6" buried pipelines would be pneumatically pressure tested for integrity verification. It would be tested to 1.25 times the MAOP as outlined above. Generally, the terrain is rolling hills; and the soils in the area are stable. Vegetation and large brush will be cleared from the rights-of-way. Upon completion of construction, the right-of-way will be reclaimed the full 45'. KMOG & AUM will maintain a 30' permanent ROW for the portion following the road and the piece of cross country. The need for the 30' permanent ROW is for maintenance and repairs.

Line pipe will be staged at strategic locations within existing roadways along the proposed gathering pipeline route during construction, substantially as shown on the attached location survey plat.

At those points where roads or existing pipelines are encountered and crossed, the pipe will be buried to a depth of between 24 and 48 inches. All buried pipe will be 6" steel poly lined pipe. Blasting of rock will only occur if mechanical means cannot be done safely and/or economically.

Lateral T's, valves, and connection futures will be installed, as necessary, along the 2-6"

liquid buried pipeline. All valves and fittings along the pipeline will be below ground at the same level as the buried pipe. Corrugated pipe culverts with insulated covers will be installed over all below-ground valves with valve handle extension to the surface.

Plans for Reclamation of the Surface

Upon completion of construction, the right of way will be re-seeded after August, 15th, and prior to ground frost due to BLM stipulations as proposed in the Green River District Reclamation Guidelines. Please refer to the Master Development Plan Greater Natural Buttes Area Anadarko Petroleum Corporation/Kerr- McGee Oil & Gas Onshore LP for more details regarding interim and final reclamation, seeding, and other common measures taken during interim and final reclamation.

S	eed	Mix:
~	4.	T. 1

Indian Ricegrass (Nezpar)	3
Sandberg bluegrass	0.75
Bottlebrush squirreltail	0.5
Saline Wildrye	0.5
Crested Wheatgrass	1.5
Winterfat	0.25
Shadscale	1.5
Four-wing saltbush	1
Wyoming Big Sagebrush	0.5
Forage Kochia	0.25
Total	9.75

Soil Preparation

Soil preparation will be conducted using a disk for areas in need of more soil preparation following site preparation. This will provide primary soil tillage to a depth no greater than 6 inches. Prior to reseeding, compacted areas will be scarified by ripping or chiseling to loosen compacted soils. Scarification will promote water infiltration; improve soil aeration and root penetration.

The 2-6" buried pipeline will be seeded with a no-till rangeland style seed drill with a "picker box" in order to seed "fluffy" seed. In areas that drill seeding may not be the preferred method, the seed will be broadcast and then raked into the ground at double the rate of drill seeding. All seed will be certified and tags will be kept on hand by Anadarko Petroleum Corporation. Every effort will be made to obtain "cheat grass free seed".

Soil Amendments and Stabilization

Additional soil amendments and stabilization may be required on sites with poor soils and greater erosion potential. The following soil amendments may be used on this location:

Sustain is an organic fertilizer that will be applied at the rate 1,800 - 2,100 lbs/acre with seed. Sustain granulated slow release fertilizers replenish the soil with essential nutrients and a rich supply of humus as required for long term soil building and plant growth. Sustain can be dry broadcast or applied with hydro-seeding equipment.

Erosion Control

The slopes will be stabilized using materials specifically designed to prevent erosion in order to allow permanent establishment of vegetation. These materials will include, but are not limited to erosion control blankets, hydro-mulch, or soil amendments such as erosion control polymers. Diversion ditches will be constructed as needed.

Noxious Weeds

Noxious weeds will be controlled as needed on the location. Monitoring and management of noxious and/or invasive weeds of concern will be completed annually until the project is deemed successfully reclaimed by the surface management agency and/or owner according to the Anadarko Integrated Weed Management Plan. Noxious weed infestations will be mapped using a GPS unit and submitted to the BLM with information required in the Vernal BLM Surface Disturbance Weed Policy. If herbicide is to be applied it will be done according to an approved Pesticide Use Permit (PUP). Anadarko submits a field wide PUP annually, and this location will fall under the PUP. All pesticide applications will be recorded using a Pesticide Application Record (PAR) and will be submitted along with a Pesticide Use Report (PUR) annually prior to Dec. 31. All weed management will be done in accordance with the Vernal BLM Surface Disturbance Weed Policy.

Termination and Restoration

At the end of the pipeline's useful life, KMOG or its successor will obtain any necessary authorization to abandon the pipeline from the appropriate regulatory agency. If necessary, KMOG or its successor will contact the authorized officer to arrange a joint inspection of the ROW. The inspection will be held to jointly agree on an acceptable rehabilitation and termination plan.

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Erosion Control

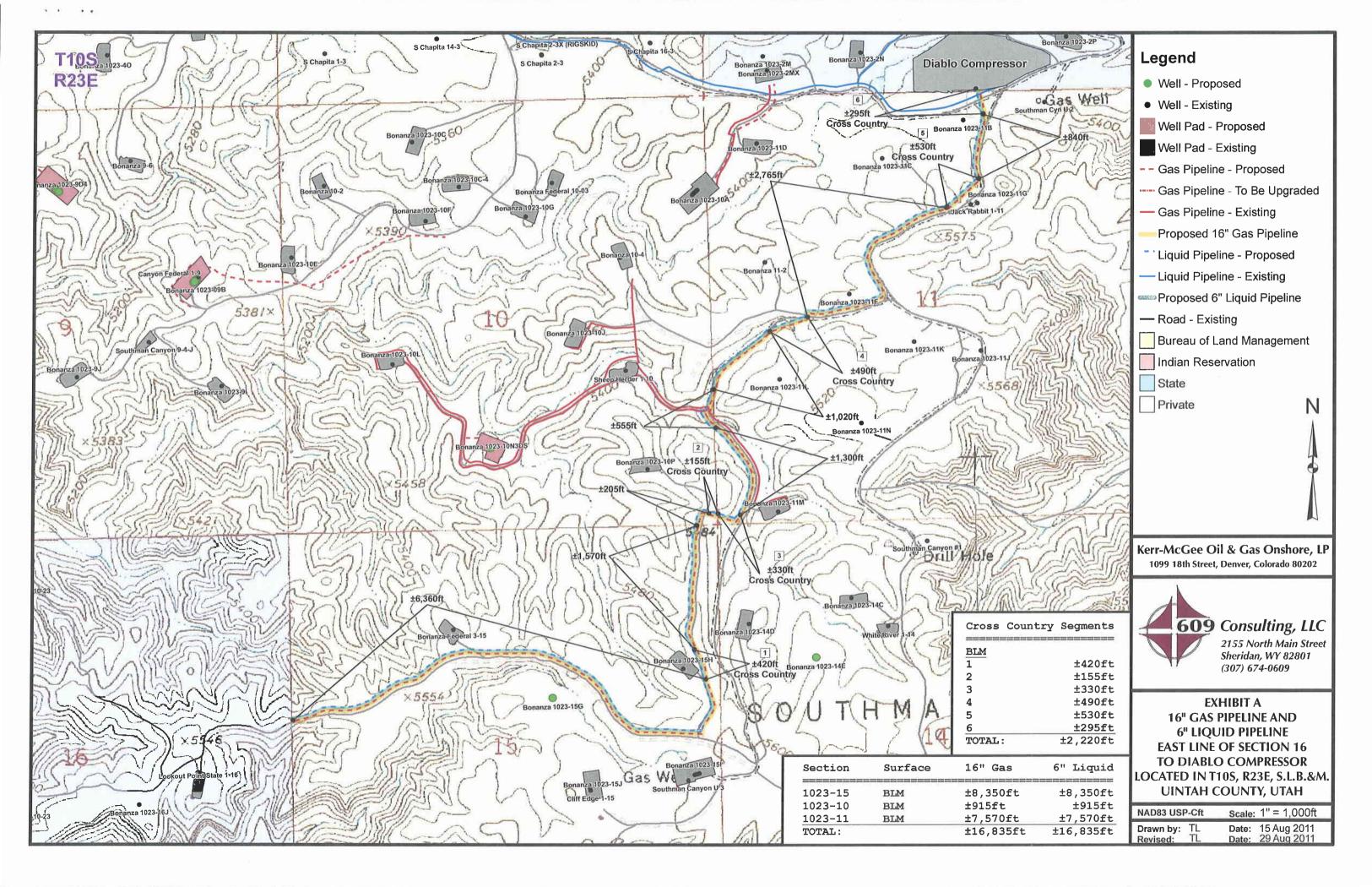
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	STATE OF UTAH		FORM 9
ι	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	deepen existing wells below ontal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: PONDEROSA	
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BONANZA 1023-16J		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	9. API NUMBER: 43047370920000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	n Street, Suite 600, Denver, CO, 8021	PHONE NUMBER: 7 3779 720 929-	9. FIELD and POOL or WILDCAT: 5NATERAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2028 FSL 1909 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	IIP, RANGE, MERIDIAN: 6 Township: 10.0S Range: 23.0E Mer	idian: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date: 5/3/2013		☐ SITA STATUS EXTENSION	
	WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:
l .	completed operations. Clearly shown the month of April 2013.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 09, 2013
NAME (PLEASE PRINT) Luke Urban	PHONE NUM 720 929-6501	BER TITLE Regulatory Specialist	
SIGNATURE	720 020-0001	DATE	
N/A		5/3/2013	



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1634

43 047 37092 Bonanza 1023-16 J

Mr. Andy Lytle Kerr-McGee Oil and Gas Onshore 1099 18TH Street Denver, CO 80202

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Lytle:

As of April 2014, Kerr-McGee Oil and Gas Onshore (Kerr-McGee) has nineteen (19) State Lease Wells and one (1) Fee Lease Well (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Thirteen (13) wells were added to Kerr-McGee's SI/TA list in 2014.

Seven (7) of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. Three (3) of these wells (attachment A) have been shut-in beyond five (5) years and are cause for concern due to unknown status of well integrity. The Division acknowledges that Kerr-McGee has plans to plug two (2) of the wells listed (attachment A) and has approved plugging procedures.

Kerr-McGee shall submit plans for each well stating which wells will be plugged with accompanying procedures, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Page 2 Kerr-McGee Oil and Gas Onshore September 4, 2014

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

- 1. Reasons for SI/TA of the well (R649-3-36-1.1)
- 2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
- 3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).

- 1. Wellbore diagram, and
- 2. Copy of recent casing pressure test, and
- 3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
- 4. Fluid level in the wellbore, and
- 5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet Petroleum Engineer

DKD/JP/js

cc: Compliance File Well File

LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice
1	BONANZA 1023-16J	43-047-37092	ML-22186-A	7 years 1 month	2 ND NOTICE
2	NBU 921-34L	43-047-36388	STUO-1194-A	5 years	2 ND NOTICE
3	CIGE 79D	43-047-30896	ML-23612	4 years 4 months	2 ND NOTICE
4	NBU 921-33J (will PA 6/2/14)	43-047-36394	STUO-015630	5 years 2 months	2 ND NOTICE
5	CIGE 3-32-9-22	43-047-30320	ML-22649	3 years 11 months	1 ST NOTICE
6	NBU 31-12B	43-047-30385	ML-01197-A	2 years 10 months	1 ST NOTICE
7	NBU 69N2	43-047-31090	U-01194-ST	3 years 3 months	1 ST NOTICE
8	BONANZA 1023-20	43-047-35662	ML-47062	1 year 1 month	
9	CIGE 140	43-047-31977	ML-10755	1 year	
10	CIGE 224	43-047-32883	ML-2252	1 year	
11	CIGE 239	43-047-33206	ML-22582	1 year 6 months	
12	CIGE 284	43-047-34792	ML-23612	1 year 2 months	
13	CIGE 5	43-047-30335	U01207A-ST	1 year 3 months	
14	HALL ET AL 31 18	43-047-30664	FEE	1 year 1 month	
15	MORGAN STATE 13-36	43-047-32817	ML-22265	1 year 11 months	
16	NBU 1021-16G	43-047-35111	ML-10755	1 year 4 months	
17	NBU 562-19E (will PA 5/23/14)	43-047-37536	ML-22792	1 year	
18	STATE 1022-32I	43-047-35648	ML-22798	1 year 2 months	
19	TRIBAL 31-60	43-047-33340	ML-28048	1 year 2 months	
20	WONSITS ST 2-32	43-047-32819	ML-47780	1 year	

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	G	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22186-A
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	oposals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: PONDEROSA
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-16J
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.		9. API NUMBER: 43047370920000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18t	PH h Street, Suite 600, Denver, CO, 80217 37	ONE NUMBER: 720 929-6	9. FIELD and POOL or WILDCAT: 1NATERAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2028 FSL 1909 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 16 Township: 10.0S Range: 23.0E Meridian	: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	□ ACIDIZE □	ALTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
107072011	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	LI TEMPORARY ABANDON
	L TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
	COMPLETED OPERATIONS. Clearly show all p & GAS ONSHORE, L.P. IS REQUE		depths, volumes, etc.
I .	OON THE SUBJECT WELL. SEE A	TTACHED Uta	h Division of
	PROCEDURES.		as and Mining
		Date: Oc	ctober 06, 2014
		Ву:	lod K Omt
		nı n	
		Please Rev	iew Attached Conditions of Approval
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE Regulatory Analyst II	
Doreen Green SIGNATURE	435 781-9758	Regulatory Analyst II DATE	
N/A		10/3/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047370920000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
 - 2. All annuli shall be cemented from a minimum depth of 100' to the surface.
- 3. All balanced plugs shall be tagged to ensure they are at the depths specified in the proposal.
 - 4. Form 8 Well Completion Report should be submitted upon completion of plugging operations.
 - 5. Surface reclamation shall be done in accordance with R649-3-34 Well Site Restoration.
 - 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

BONANZA 1023-16J 2030' FSL & 1875' FEL NWSE SEC. 16, T10S, R23E Uintah County, UT

 KBE:
 5,523'
 API NUMBER:
 4304737092

 GLE:
 5,508'
 LEASE NUMBER:
 ML-22186-A

TD: 1,930' **PBTD:** 1,912'

CASING: 12 ½" hole to 1930'

9.625" 32.3# H-40 LTC @ 1912'

TOC @ surface

PERFORATIONS: No perforations were made.

TUBING: No tubing in hole.

Tubular/Borehole	Drift	Collapse	Burst	Capacities		
	inches	psi	Psi	Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02171	0.00387
4.5" 11.6# N/M/I-80 csg	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 32.3# H-40 csg	8.845	1400	2270	3.3055	0.4418	0.0787
Annular Capacities						
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01
4.5" csg. X 9.625" 32.3# csg.		2.478	0.3314	0.059		
4.5" csg. X7.875" hole		1.7052	0.2278	0.0406		
9.625" csg. X 12.25" hole				2.3436	0.3132	0.0558

GEOLOGIC INFORMATION:

Formation Depth to top, ft.

Uinta Surface
Green River 1067'
Bird's Nest 1302'
Mahogany 1692'
Wasatch 4000'
Mesaverde 5907'

Tech. Pub. #92 Base of USDW's

USDW Depth ~2,800' MSL USDW Elevation ~2,723' KBE

RECEIVED: Oct. 03, 2014

BONANZA 1023-16J PLUG & ABANDONMENT PROCEDURE

GENERAL

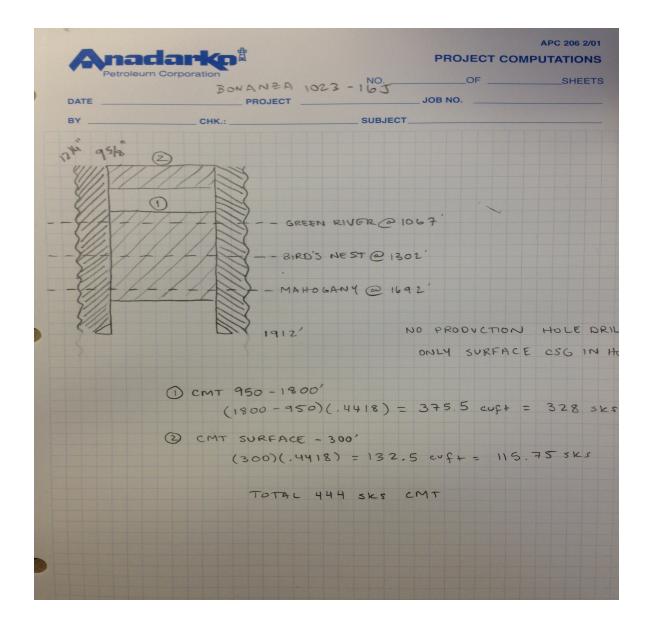
- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDE. PREMIX 5
 GALLONS PER 100 BBLS FLUID.
- NOTIFY APPROPRIATE AGENCY 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS.
 PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

PROCEDURE

Note: Approx. **444 sx** Class "G" cement needed for procedure.

- 1. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
- 2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
- 3. PLUG #1, PROTECT TOP OF MAHOGANY (1692') & TOP OF BIRDS NEST (1302') & TOP OF GREEN RIVER (1067'): RIH TO ~1800'. BRK CIRC W/ FRESH WATER. DISPLACE 375.5 CUFT / 66.9 BBL /~328 SX AND BALANCE PLUG W/ TOC @ ~950' (850' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~51 BBLS).
- 4. PLUG #2, FILL SURFACE HOLE: PUMP 132.5 CUFT / 23.6 BBL /~116 SXOR SUFFICIENT VOLUME TO FILL CASING F/ 300' TO SURFACE.
- 5. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
- 6. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

MBB 10/2/2014



STATE OF UTAH FORM 8 AMENDED REPORT **DEPARTMENT OF NATURAL RESOURCES** (highlight changes) 5. LEASE DESIGNATION AND SERIAL NUMBER: **DIVISION OF OIL, GAS AND MINING** ML-22186A 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG 7. UNIT or CA AGREEMENT NAME 1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER П UTU63047A b. TYPE OF WORK: 8. WELL NAME and NUMBER: EREP-DIFF. RESVR. HORIZ | ENTR OTHER **BONANZA 1023-16J** 2. NAME OF OPERATOR: 9. API NUMBER: KERR-MCGEE OIL AND GAS ONSHORE LP 43-047-37092 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10 FIELD AND POOL, OR WILDCAT 720-929-6000 P.O. Box 173779 CITY Denver STATE Co ZIP 82017 **Natural Buttes** 4. LOCATION OF WELL (FOOTAGES) 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: AT SURFACE: NW SE 2028 FSL 1909 FEL NW S 16 10S 23E SLB AT TOP PRODUCING INTERVAL REPORTED BELOW 12. COUNTY 13. STATE AT TOTAL DEPTH: UTAH **UINTAH** 14. DATE SPUDDED: 15. DATE T. D. REACHED: 16. DATE COMPLETED: 17. ELEVATIONS (DF, RKB, RT, GL): ABANDONED 🗸 READY TO PRODUCE 3/9/2007 3/17/2007 10/13/2014 RKB 20. IF MULTIPLE COMPLETIONS, HOW MANY? 21. DEPTH BRIDGE 18. TOTAL DEPTH: MD 19. PLUG BACK T.D.: MD 1930 PLUG SET: TVD TVD 1930 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) 23 NC 🗸 YES WAS WELL CORED? (Submit analysis) YES WAS DST RUN? NC 🗸 (Submit report) DIRECTIONAL SURVEY? NC YES (Submit copy) 24. CASING AND LINER RECORD (Report all strings set in well) CEMENT TYPE & SLURRY STAGE CEMENTER SIZE/GRADE WEIGHT (#/ft.) TOP (MD) BOTTOM (MD) **CEMENT TOP **** AMOUNT PULLED HOLE SIZE **DEPTH** NO. OF SACKS VOLUME (BBL) 20 STL 36.7 0 40 28 1912 12.25 9.625 H-40 32.3 18 1210 0 25. TUBING RECORD SIZE DEPTH SET (MD) PACKER SET (MD) SIZE **DEPTH SET (MD)** PACKER SET (MD) DEPTH SET (MD) PACKER SET (MD) SIZE 27. PERFORATION RECORD 26. PRODUCING INTERVALS BOTTOM (MD) BOTTOM (TVD) INTERVAL (Top/Bot - MD) SIZE NO. HOLES PERFORATION STATUS FORMATION NAME TOP (MD) TOP (TVD) Open Squeezed (A) Open Squeezed (B) Open Squeezed (C) (D) Open Squeezed 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. DEPTH INERVAL AMOUNT AND TYPE OF MATERIAL 30. WELL STATUS: 29. ENCLOSED ATTACHMENTS: ELECTRICAL/MECHANICAL LOGS GEOLOGICAL REPORT DST REPORT DIRECTIONAL SURVEY PA SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATIC CORE ANALYSIS OTHER:

(CONTINUED ON BACK)

(5/2000)

31. INITIAL PR	ODUCTION					INTE	RVAL A (As show	n in Item #20	26)					
DATE FIRST P	RODUCED:	TES	T DATE:			HOURS TESTE	ED:	TEST RATES: -	→	OIL - BBL:	GAS - MCF:	WATER	- BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	ss. csg	. PRESS.	API GF	RAVITY			24 HR RATES: –	→	OIL - BBL:	GAS - MCF:	WATER	- BBL:	INTERVAL STATUS
						INTE	RVAL B (As show	n in Item #26	26)					
DATE FIRST PI	RODUCED:	TES	T DATE:			HOURS TESTE	D:	TEST RATES: -	→	OIL - BBL:	GAS - MCF:	WATER	- BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	ss. Csg	. PRESS.	API GF	RAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: –	→	OIL - BBL:	GAS - MCF:	WATER	- BBL:	INTERVAL STATUS
						INTE	RVAL C (As show	n in Item #26	26)	-				<u> </u>
DATE FIRST PI	RODUCED:	TES	T DATE:			HOURS TESTED:		TEST RATES: -	→	OIL - BBL: GAS - MCF: WATER		WATER	- BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	ss. csg	. PRESS.	API GF	RAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: –	→	OIL - BBL:	GAS - MCF:	WATER	- BBL:	INTERVAL STATUS
						INTE	RVAL D (As show	n in Item #26	26)					
DATE FIRST PI	RODUCED:	TEST	T DATE:			HOURS TESTE	ED:	TEST RATES: -	→	OIL - BBL:	GAS - MCF:	WATER	- BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	S. CSG	. PRESS.	API GF	RAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: –	→	OIL - BBL:	GAS - MCF:	WATER	- BBL:	INTERVAL STATUS
32. DISPOSITI	ON OF GAS	(Sold, Use	ed for Fue	l, Vented,	Etc.)			<u></u>						
22 CHAMAD	OF BOROL	IC ZONEC	(la alorda A	\:!£===\.						24 FORMATION	(Les) MARKERS.			
33. SUMMARY Show all important tested, cushion use	zones of poros	ity and conten	nts thereof: C	Cored interva		drill-stem tests, inclu	ding depth interval			34. FORMATION	(Log) MARKERS:			
Format	tion	Top (MD)		Bottom (MD)		Descriptions, Contents, etc.				Name			(M	Top easured Depth)
										GREEN RI	VER		106	7
]	BIRD'S NE	ST		1302	2
									1	MAHOGAI	NY		1692	2
									- 1	WASATCH			4000)
										MESAVER	DE		5907	7
									a					
											*			
U		s were su	spended			been plugge	d and abandon	ed per app	prove	ed procedures.	See attached	drilling a	nd aba	ndoned
36. I hereby co	ertify that th	e foregoin	g and atta	ched info	rmation	is complete and	d correct as deteri	mined from a	all ava	ilable records.				
NAME (PLEA:	SE PRINT K	av Kel	lv					TITLE	Sr S	Staff Regula	tory Specia	list		
SIGNATURE	K	Xen	8.	KI	M	1				28/2014				
This was a few		()	20 -1			V								
drilling	eting or plo g horizontal pleting to	ugging a i I laterals f	new well from an e	existing w		•		epening an	existi	ng well bore be	well low the previous core samples a		-	
* ITEM 20: Sho	w the num	ber of cor	mpletions	if produ	ction is	measured sep	arately from two	or more fo	ormati	ons.				
** ITEM 24: Ce	ment Top -	Show how	reported	top(s) of c	ement v	vere determined	l (cirulated (CIR),	calculated (C	CAL),	cement bond log	(CBL), temperatu	re survey (T	S)).	
Send to: U	tah Division	of Oil, Gas	s and Mini	ing		Phone:	801-538-534	0						

801-359-3940

Fax:

1594 West North Temple, Suite 1210

Salt Lake City, Utah 84114-5801

Box 145801

				U	IS ROC	KIES RE	EGION	
				Opera	ation S	Summa	ry Report	
Vell: BONANZA	1023-16	J					Spud Date:	
Project: UTAH-L	JINTAH			Site: BONANZA 1	023-16J			Rig Name No: BILL JRS RATHOLE DRILLING/UNK
vent: DRILLING	G			Start Date: 2/14/2	007			End Date: 3/14/2007
active Datum: R	RKB @0.0	Ousft (above	Mean Sea	UWI: B	ONANZA	1023-16J		
Date		Time art-End	Duration (hr)	Phase Code	Sub	P/U	MD From (usft)	Operation
2/14/2007		-		•				
3/9/2007	6:00	- 11:00	5.00	24-Idle		Р	0	WAIT ON PETE MARTIN BUCKET RIG
	11:00	- 20:00	9.00	02-Drill ing		P	0	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1100 HR 3/9/07 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 68 BLM AND STATE NOTFIED OF SPUD
		- 6:00	10.00	24-Idle		P	40	WOAR
3/12/2007	6:00	- 17:00	11.00	24-Idle		P	40	WAIT ON BILL JR AIR RIG
		- 18:00	1.00	02-Drill ing		P	40	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1700 HR 3/12/07 DA AT REPORT TIME
	18:00	- 6:00	12.00	02-Drill ing		P _	120	RIG DRILLING AHEAD HIT SOME FRESH WATER @ 990' DA AT REPORT TIME
3/13/2007	6:00	- 18:00	12.00	02-Drill ing		Р	1110	RIG DRILLING AHEAD HIT TRONA WATER @ 1470' CIRCULATING WITH SKID PUMP DA AT REPORT TIME
		- 6:00	12.00	02-Dril ing		Р	1500	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP
3/14/2007	6:00	- 7:00	1.00	02-Dril ing		Р	1900	RIG T/D @ 1930' CONDITION HOLE 1 HR
	7:00	- 10:00	3.00	06-Trip s		Р	1930	TRIP DP OUT OF HOLE
	10:00	- 13:00	3.00	12-Ru n Csg & Cmt		Р	1930	RUN 1893' OF 9 5/8 CSG AND RIG DOWN AIR RIG
	13:00	- 14:00	1.00	12-Ru n Csg & Cmt		Р	1930	CEMENT 1ST STAGE WITH 200 SKS NO RETURNS TO PIT
	14:00	- 14:30	0.50	12-Ru n Csg & Cmt		Р	1930	1ST TOP JOB 100 SKS DOWN BS WOC
	14:30	- 16:30	2.00	12-Ru n Csg & Cmt		Р	1930	2ND TOP JOB 150 SKS DOWN BS NO CMT TO SURFACE WOC
	16:30	- 19:00	2.50	12-Ru n Csg		Р	1930	3RD TOP JOB 150 SKS DOWN BS NO CMT TO SURFACE WOC
	19:00	- 21:00	2.00	& Cmt 12-Ru n Csg & Cmt		Р	1930	4TH TOP JOB 150 SKS DOWN BS NO CMT TO SURFACE WOC
	21:00	- 23:00	2.00	12-Ru n Csg & Cmt		Р	1930	5TH TOP JOB 150 SKS DOWN BS NO CMT TO SURFACE WOC
	23:00	- 3:00	4.00	12-Ru n Csg & Cmi		Р	1930	6TH TOP JOB 225 SKS DOWN BS NO CMT TO SURFACE
	3:00	- 4:00	1.00	12-Ru n Csg		Р	1930	7TH TOP JOB 85 SKS DOWN BS CMT TO SURFACE AND STAYED AT SURFACE
	4:00	- 6:00	2.00	& Cmi 24-Idle		Р	1930	WORT

RECEIVED: Oct. 30, 2014

							KIES RE	GION ry Report		
Well: BONANZA	1023-16	SJ						Spud Date:		
Project: UTAH-U	IINTAH			Site: BO	NANZA 10	023-16J			Rig Name No: MILES 2/2	
Event: ABANDO	NMENT			Start Date	e: 10/8/20	014			End Date: 10/13/2014	
Active Datum: RKB @0.00usft (above Mean Sea Level)					UWI: BONANZA 1023-16J					
Date		Time tart-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
10/13/2014	7:00	- 7:15	0.25	ABANDP	48		Р		SAFETY = JSA.	
	7:15	- 9:00	1.75	ABANDP	30		Р		MIRU. 0# ON WELL. RIH W/ 57JTS 2-3/8" J-55 TBNG TO 1800'.	
	9:00	- 15:00	6.00	ABANDP	51	D	Р		MIRU CMT CREW. LOAD WELL W/ FRESH WATER. BREAK CIRC. PUMP 328SX 15.8# NEAT "G" CMT. DISPLACE BALANCED PLUG.	
									POOH W/ 47JTS 2-3/8" J-55 TBNG TO 300'. BREAL CIRC. PUMP 172SX 15.8# NEAT "G' CMT. POOH W/ TBNG.	
									P/A WITNESSED BY DAVE W/ STATE OT UTAH.	
									R/D FLOOR & TBG EQUIP. NDBOP. NDWH. CUT OFF WELLHEAD. INSTALL PLATE. BACK FILL WELLHEAD. RDMOL.	

10/23/2014 4:37:13PM

P.O. Box 173779 • DENVER, CO 80202-3779



October 2, 2014

OCT 09 2014

State of Utah Division of Oil, Gas and Mining 1594 West North Temple Ste. 1210 Salt Lake City, UT 84116 DIV. OF OIL, GAS & MINING

ATTENTION:

Dustin Doucet

RE:

Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases- UDOGM letter dated September 4, 2014

Dear Mr. Doucet,

We are in receipt of your letter dated September 4, 2014 regarding the shut-in and temporarily abandoned status of wells operated by Kerr-McGee Oil and Gas Onshore. All required sundry notices have been filed as requested in the letter. Some wells documented in the letter previously had Plug and Abandonment procedures and notice of intent sundry notices submitted. Anadarko intends to Plug and Abandon the applicable wells by the end of the first quarter-2015.

The attached list explains the current well statuses and go forward plans for each well documented in the September 4, 2014 letter.

Should you have any additional questions or concerns, please don't hesitate to contact me direct at (720) 929-6100 or via email at andy.lytle@anadarko.com.

Sincerely,

Andy Lytle

Regulatory Supervisor

WELL NAME	APL	LEASE	YEARS INACTIVE	PRIOR NOTICE	COMMENTS
BONANZA 1023-16J	4304737092	ML22186A	7 YEARS 1 MONTH	2ND NOTICE	PA NOI Sundry submitted 10/03/2014.
NBU 921-34L	4304736388	STUO1194A	5 YEARS	2ND NOTICE	Sundry submitted 09/16/2014 for the conversion to a monitor well (Not previously reported in 2012) and yearly status for a monitor well.
CIGE 79D	4304730896	ML23612	4 YEARS 4 MONTHS	2ND NOTICE	Sundry submitted 09/16/2014, yearly status for a monitor well.
NBU 921-33J	4304736394	STU0015630	5 YEARS 2 MONTHS	2ND NOTICE	PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
CIGE 3-32-9-22	4304730320	ML22649	3 YEARS 11 MONTHS	1ST NOTICE	PA Sundry approved 08/07/2012, on rig schedule for week of October 6-2014.
NBU 31-12B	4304730385	ML01197A	2 YEARS 10 MONTHS	1ST NOTICE	PA Sundry approved 07/23/2013, on rig schedule for week of October 6-2014.
NBU 69N2	4304731090	U01194ST	3 YEARS 3 MONTHS	1ST NOTICE	PA NOI Sundry submitted 10/03/2014.
BONANZA 1023-20	4304735662	ML47062	1 YEAR 1 MONTH		Return to Production sundry submitted 10/03/2014. Producing since 04/25/2014, production accounting has been reporting production to UDOGM as of April 2014.
CIGE 140	4304731977	ML10755	1 YEAR		PA NOI Sundry submitted 10/02/2014.
CIGE 224	4304732883	ML2252	1 YEAR		PA NOI Sundry submitted 10/01/2014.
CIGE 239	4304733206	ML22582	1 YEAR 6 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 06/14/2014, production accounting has been reporting production to UDOGM as of June 2014.
CIGE 284	4304734792	ML23612	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 03/29/2014, production accounting has been reporting production to UDOGM as of March 2014.
CIGE 5	4304730335	U01207AST	1 YEAR 3 MONTHS		Sundry submitted 10/03/2014. This well is currently surface commingled with the NBU 922-31JT-1T meter. The well was mistakenly made in-active, therefore production was not allocating. The well has been made active and is presently allocating. 12/17/2009 a sundry for surface commingling was approved by UDOGM.
HALL ET AL 31 18	4304730664	FEE	1 YEAR 1 MONTH		PA NOI Sundry submitted 09/30/2014.
MORGAN STATE 13-36	4304732817	ML22265	1 YEAR 11 MONTHS		PA NOI Sundry submitted 09/30/2014.
NBU 1021-16G	4304735111	ML10755	1 YEAR 4 MONTHS		PA NOI Sundry submitted 10/03/2014.
NBU 562-19E	4304737536	ML22792	1 YEAR		PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
STATE 1022-32I	4304735648	ML22798	1 YEAR 2 MONTHS		PA NOI Sundry submitted 09/30/2014.
TRIBAL 31-60	4304733340	ML28048	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. A new meter installed 09/30/2014, well is currently intermitting.
WONSITS ST 2-32	4304732819	ML47780	1 YEAR		PA NOI Sundry submitted 10/01/2014.